

Fishery Management Report No. 23-03

**North Alaska Peninsula Commercial Salmon Annual
Management Report, 2022**

by

Charles W. Russell

January 2023

Alaska Department of Fish and Game

Divisions of Sport Fish and Commercial Fisheries



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Weights and measures (metric)		General		Mathematics, statistics	
centimeter	cm	Alaska Administrative Code	AAC	<i>all standard mathematical signs, symbols and abbreviations</i>	
deciliter	dL	all commonly accepted abbreviations	e.g., Mr., Mrs., AM, PM, etc.	alternate hypothesis	H _A
gram	g	all commonly accepted professional titles	e.g., Dr., Ph.D., R.N., etc.	base of natural logarithm	<i>e</i>
hectare	ha	at	@	catch per unit effort	CPUE
kilogram	kg	compass directions:		coefficient of variation	CV
kilometer	km	east	E	common test statistics	(F, t, χ^2 , etc.)
liter	L	north	N	confidence interval	CI
meter	m	south	S	correlation coefficient	
milliliter	mL	west	W	(multiple)	R
millimeter	mm	copyright	©	correlation coefficient (simple)	r
		corporate suffixes:		covariance	cov
Weights and measures (English)		Company	Co.	degree (angular)	°
cubic feet per second	ft ³ /s	Corporation	Corp.	degrees of freedom	df
foot	ft	Incorporated	Inc.	expected value	<i>E</i>
gallon	gal	Limited	Ltd.	greater than	>
inch	in	District of Columbia	D.C.	greater than or equal to	≥
mile	mi	et alii (and others)	et al.	harvest per unit effort	HPUE
nautical mile	nmi	et cetera (and so forth)	etc.	less than	<
ounce	oz	exempli gratia	e.g.	less than or equal to	≤
pound	lb	(for example)		logarithm (natural)	ln
quart	qt	Federal Information Code	FIC	logarithm (base 10)	log
yard	yd	id est (that is)	i.e.	logarithm (specify base)	log ₂ , etc.
		latitude or longitude	lat or long	minute (angular)	'
Time and temperature		monetary symbols (U.S.)	\$, ¢	not significant	NS
day	d	months (tables and figures): first three letters	Jan, ..., Dec	null hypothesis	H ₀
degrees Celsius	°C	registered trademark	®	percent	%
degrees Fahrenheit	°F	trademark	™	probability	P
degrees kelvin	K	United States (adjective)	U.S.	probability of a type I error (rejection of the null hypothesis when true)	α
hour	h	United States of America (noun)	USA	probability of a type II error (acceptance of the null hypothesis when false)	β
minute	min	U.S.C.	United States Code	second (angular)	"
second	s	U.S. state	use two-letter abbreviations (e.g., AK, WA)	standard deviation	SD
Physics and chemistry				standard error	SE
all atomic symbols				variance	
alternating current	AC			population sample	Var
ampere	A			sample	var
calorie	cal				
direct current	DC				
hertz	Hz				
horsepower	hp				
hydrogen ion activity (negative log of)	pH				
parts per million	ppm				
parts per thousand	ppt, ‰				
volts	V				
watts	W				

FISHERY MANAGEMENT REPORT NO. 23-03

**NORTH ALASKA PENINSULA COMMERCIAL SALMON ANNUAL
MANAGEMENT REPORT, 2022**

by

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ABSTRACT

This report is a summary of the 2022 season and historical data concerning management of the commercial salmon fisheries of the Northwestern and Northern Districts of the North Alaska Peninsula in the Alaska Peninsula Management Area (Area M). Most commercial salmon fishing effort on the North Alaska Peninsula targeted sockeye salmon *Oncorhynchus nerka*. The 2022 commercial salmon harvest on the North Alaska Peninsula was 887 Chinook *O. tshawytscha*, 3,604,235 sockeye, 7,711 coho *O. kisutch*, 12,362 pink *O. gorbuscha*, and 14,095 chum *O. keta* salmon. The North Peninsula Chinook salmon harvest was below the 10-year average (2012–2021) of 1,879 fish. The sockeye salmon harvest in the Northern District of 3,548,252 fish exceeded the 10-year average harvest of 2,208,966 fish. The North Alaska Peninsula chum salmon harvest of 14,095 fish was below the 10-year average of 137,651 chum salmon, with nearly all (9,316 fish) of the harvest occurring in the Izembek-Moffet Bay Section of the Northwestern District. The total exvessel value of all North Peninsula fisheries is estimated to be \$29.3 million. The exvessel value was well above the recent 10-year average of \$17.0 million. The majority of the North Peninsula fisheries' value is composed of sockeye salmon harvested in the Northern District (\$28.8 million).

Total sockeye salmon escapement for North Alaska Peninsula streams was 1,092,090 fish, below the 10-year average of 1,290,228 fish. Approximately 72% of the sockeye salmon escapement occurred in the Northern District's 4 systems in which sockeye salmon escapements are enumerated with weirs (Nelson, Bear, Sandy, and Ilnik Rivers).

Keywords: North Alaska Peninsula, Area M, Northern District, Northwestern District, commercial fisheries, annual management report, AMR, salmon harvest, salmon escapement, SEG, BEG, Chinook salmon, *Oncorhynchus tshawytscha*, sockeye salmon, *Oncorhynchus nerka*, coho salmon, *Oncorhynchus kisutch*, pink salmon, *Oncorhynchus gorbuscha*, chum salmon, *Oncorhynchus keta*

INTRODUCTION

The purpose of this report is to document catch and escapement data and to provide commercial salmon fishery operators, buyers, and other interested parties a context with which to compare the 2022 North Alaska Peninsula commercial salmon catch and escapement with historical information. Subsistence harvests and fish kept for personal use (home pack) are not included in this report; information regarding the 2021 subsistence and personal use harvests are instead reported for the entirety of Area M in the 2022 South Alaska Peninsula Salmon annual management report (Fox et al. 2022). Subsistence harvest reports lag 1 year behind commercial harvest reports because subsistence permits are often not returned by users until well into winter. The salmon harvest estimates reported in this document were summarized from the fish ticket database on November 1, 2022. Unless otherwise noted, catch reporting in this report does not include personal use, subsistence, or test fishery catches. Data published in this report supersede any data previously published.

GEOGRAPHY

North Alaska Peninsula

The North Alaska Peninsula portion of the Alaska Peninsula Management Area (Area M) includes those waters of the Alaska Peninsula from Cape Sarichef to Cape Menshikof and consists of 2 districts: the Northwestern District, which includes all waters between Cape Sarichef and Moffet Point; and the Northern District, which includes all waters between Moffet Point and Cape Menshikof (Figure 1). The Nelson Lagoon to Outer Port Heiden Section, which encompasses most of the Northern District, is the primary sockeye salmon *Oncorhynchus nerka* harvest area on the North Alaska Peninsula and includes the Nelson Lagoon, Bear River, Three Hills, Ilnik, and Outer Port Heiden Sections (Figure 2). Smaller directed commercial salmon fisheries occur in additional areas of the North Alaska Peninsula.

Alaska Peninsula and Bristol Bay Salmon Overlap Area

The Alaska Peninsula Area (Area M) and Bristol Bay Area (Area T) overlap; the overlap area consists of the Cinder River Section, Inner Port Heiden Section, and Ilnik Lagoon Section (Figure 3; 5 AAC 39.120(d)).¹ The overlap area was created shortly after statehood to allow Area T permit holders the opportunity to fish within their traditional harvest locations of Area M. Historically, when not participating in the Bristol Bay sockeye salmon fisheries, Port Heiden Area T permit holders fished in the Inner Port Heiden Section for Chinook *O. tshawytscha* and coho *O. kisutch* salmon, and Area T permit holders from Pilot Point fished inside the Cinder River Section for Chinook and coho salmon.

Since 1985, most of the effort in the Cinder River Section has been from Area T permit holders. Prior to 2013, these permit holders were permitted to fish during the open season in the Inner Port Heiden and Cinder River Sections, except during the month of July. In 2013, the Alaska Board of Fisheries (BOF) allowed Area T permit holders to fish in the Inner Port Heiden Section and the inner portion of the Cinder River Section during the entire commercial fishing season. Area T permit holders can also fish in the Ilnik Lagoon Section during August and September. In 1986, Area T permit holders started fishing in the Ilnik and Outer Port Heiden Sections. In 1990, the BOF excluded Area T permit holders from the Ilnik Section (except inside Ilnik Lagoon during August and September) and closed the Outer Port Heiden Section in August and September to all commercial salmon fishing by both Area M and Area T permit holders because of concern over potential interception of coho salmon bound for Inner Port Heiden (Meshik River). Since 2000, commercial fishing effort in the overlap area has been minimal for both Area M and Area T permit holders.

GEAR

Purse seine, hand purse seine, drift gillnet, and set gillnet are legal gear types in the Northwestern District (5 AAC 09.330(b)). In the Northern District, commercial salmon fishing is permitted with purse seine, drift gillnet, and set gillnet gear; however, within-section gear restrictions exist. For example, the Nelson Lagoon Section is open to drift and set gillnet gear only. In the Northern District, drift gillnet is the most widely used gear. In the Northwestern District, use of purse seine gear equals or exceeds use of drift gillnet gear in some years.

REGULATORY SEASON

The commercial salmon season opens in most of the Northwestern District on June 1 and in most of the Northern District on May 1 (5 AAC 09.310). The Three Hills Section may open to commercial salmon fishing on June 25. In the Ilnik Section, fishing may be allowed on June 20 if sockeye salmon escapement meets or exceeds interim escapement objectives. A portion of the Outer Port Heiden Section may open to commercial salmon fishing beginning on June 20 only if sockeye salmon escapement in the Meshik River is sufficient. Management action may also be taken in the Ilnik and Outer Port Heiden Sections on Ugashik River sockeye salmon if that portion of the Egegik District, specified in 5 AAC 06.359(c), is closed for the conservation of Ugashik River sockeye salmon in the Bristol Bay Management Area.

¹ ADF&G. 2019. 2019–2021 Alaska Peninsula, Atka–Amlia Islands, Aleutian Islands, and Chignik Areas Commercial Salmon Fishing Regulations. Alaska Department of Fish and Game, Juneau.

INSEASON MANAGEMENT

Although the earliest opening dates are established by regulation and modified by emergency orders, actual fishing time in North Alaska Peninsula fisheries is based on inseason evaluation of local stock abundance and escapement objectives. Sockeye salmon are the primary species targeted for harvest, and Nelson and Bear Rivers are the largest sockeye salmon producing systems. Between June 1 and September 15, within the Nelson Lagoon to Port Heiden region, management emphasis is on 5 sockeye salmon systems: Nelson, Bear, Sandy, Ilnik, and Meshik Rivers (Murphy and Russell 2022). Alaska Department of Fish and Game (ADF&G) operates weir camps on the Nelson, Bear, Sandy, and Ilnik Rivers that provide daily escapement counts used to manage commercial fisheries. Aerial surveys from a fixed-wing aircraft are used to enumerate salmon in systems without weirs.

ESCAPEMENT GOALS

Weir counts and aerial surveys are used to estimate escapement.² For river systems with established escapement goals, there are 2 types of goals used to characterize runs. A biological escapement goal (BEG) is used when the following conditions are met: (1) a sufficient time series of escapement and total return estimates are available, (2) contrast in the escapement data is sufficiently large, and (3) the estimates were sufficiently accurate and precise (Schaberg et al. 2019). Using these criteria, systems assigned a BEG are managed for escapements providing the greatest potential for maximum sustained yield. A sustainable escapement goal (SEG) is used when total return estimates are not available because stock-specific harvest or age was not consistently measured (Schaberg et al. 2019). Methods used to develop SEGs include the percentile approach and risk analysis models (Schaberg et al. 2019). As defined by the Sustainable Salmon Fisheries Policy (5 AAC 39.222), an SEG is a level of escapement indicated by an index or escapement estimate that is known to provide for sustained yield over a 5- to 10-year period and is used in situations where a BEG cannot be estimated or managed for due to the absence of a stock-specific catch estimate.

The commercial salmon fisheries on the North Alaska Peninsula are managed using escapement goals developed using the aforementioned criteria and methods. Inseason escapement at each system with an established goal determines how the fisheries are managed in that section.

RUN TIMING

The timing of sockeye salmon returning to North Alaska Peninsula streams varies by system and stock, but the majority of the sockeye salmon runs occur from early June to late July. Local sockeye salmon stocks are managed from the northern side of Unimak Island to the Cinder River region in specific areas from June through September. The Nelson River sockeye salmon run begins in early June, peaks in early July, and is over by mid-August (Murphy and Hartill 2009). Bear River supports 2 distinct sockeye salmon runs: an early run that begins in early June, peaks in early July, and ends in late July; and a late run that starts in late July, peaks in mid-August, and ends in September (Ramstad 1998). The Sandy, Ilnik, Meshik, and Cinder Rivers run timing closely parallels the Bear River early run, beginning in early June and ending in late July (Murphy and Hartill 2009).

² The Sustainable Salmon Fisheries Policy (5 AAC 39.222) defines escapement as the annual estimated size of the spawning salmon stock; quality of the escapement may be determined not only by numbers of spawners but also by factors such as sex ratio, age composition, temporal entry into the system, and spatial distribution within the salmon spawning habitat.

HARVEST BY SPECIES

CHINOOK SALMON

Historically, the vast majority of Chinook salmon harvest occurred in the Northern District, incidental to sockeye salmon fisheries, although periodically, there are directed fisheries. The 2022 North Alaska Peninsula commercial Chinook salmon harvest of 887 fish was under the 10-year average of 1,879 fish (Table 1). In 2022, the Chinook salmon harvest of 282 fish in the Nelson Lagoon Section was below the 10-year average of 800 fish (Tables 2 and 3). The Bear River Section harvest of 8 Chinook salmon occurred incidentally to the sockeye salmon fisheries and was below the 10-year average of 202 fish (Table 3). The Three Hills and Ilnik Sections combined harvest of 442 Chinook salmon was below the 10-year average of 555 fish (Table 3). The Outer Port Heiden Section had a harvest of 95 Chinook salmon (Tables 2 and 3), which was comparable to the 10-year average of 260 fish (Table 3). There was no commercial fishing effort in the Inner Port Heiden Section in 2022 (Table 3).

SOCKEYE SALMON

The 2022 North Alaska Peninsula sockeye salmon harvest of 3,604,235 fish (Table 1) was above the 10-year average harvest of 2,296,645 fish and the 20-year average harvest of 2,238,847 fish (Figure 4). In addition, the 2022 harvest was above the preseason projected harvest of 2,000,000 sockeye salmon (Table 1; Murphy and Russell 2022). The 2022 peak weekly harvest of sockeye salmon on the North Alaska Peninsula occurred from July 3 to July 9, when 155 permit holders caught 1,260,412 sockeye salmon (Table 2).

Most of the harvest occurred in the Northern District in the Bear River, Ilnik, and Outer Port Heiden Sections (Figures 1 and 2). The Ilnik Section had 59% (2,086,302 fish) of the total harvest, the Outer Port Heiden Section had approximately 31% (1,093,611 fish), and the Bear River Section had approximately 7% (240,255 fish; Table 4). The percentage of fish caught in the Ilnik and Outer Port Heiden Sections during 2022 was above the historical 10-year average of 43% and 25% respectively (Figure 5). The combined Port Moller Bight, Bear River, Three Hills, and Ilnik Sections total harvest was 2,395,916 (68% of total harvest) sockeye salmon (Table 5). The combined Port Moller Bight, Bear River, Three Hills, Ilnik, and Outer Port Heiden Sections accounted for approximately 98% (3,489,527 fish; Table 2) of the Northern District sockeye salmon harvest. The Nelson Lagoon sockeye salmon harvest in 2022 was 58,499, well below the 10-year average of 194,326 fish (Table 4). The Nelson Lagoon harvest accounted for approximately 2% of the Northern District sockeye salmon harvest.

COHO SALMON

The 2022 North Alaska Peninsula coho salmon harvest of 7,711 fish was below the 10-year average harvest of 52,712 fish (Table 1). Approximately 59% (4,537 fish) of the coho salmon harvest came from the Nelson Lagoon Section, and 22% of the harvest (1,693 fish) came from the Bear River Section (Table 6). The Nelson Lagoon Section typically has the largest coho salmon harvest, followed by the Ilnik section.

PINK SALMON

The 2022 North Alaska Peninsula pink salmon *O. gorbuscha* harvest of 12,362 fish was below the 2012–2020 even-year average harvest of 17,521 fish (Table 1). Pink salmon harvested in the

Northern District are caught incidental to fisheries for other salmon species. Most of the pink salmon harvest traditionally occurs in the Northwestern District; however, in 2022, only 4,041 pink salmon were harvested in the Northwestern District (Table 7). All the pink salmon harvested on the North Alaska Peninsula during 2022 were incidental to other fisheries.

CHUM SALMON

The 2022 North Alaska Peninsula chum salmon *O. keta* harvest of 14,095 fish was well below the 10-year average harvest of 137,651 (Table 1). In the Northern District, the harvest of 4,738 fish was below the 10-year average of 36,807 fish (Table 8). Most chum salmon harvest in the Northern District occurred in the Three Hills and Ilnik Sections (2,424 fish; Table 8). The Northwestern District chum salmon harvest of 9,357 fish was below the 10-year average of 100,570 (Table 9). Approximately 99% of Northwestern District chum salmon harvested during the 2022 season were harvested in the Izembek-Moffet Bay Section, and the harvest was below the 10-year average of 92,152 fish (Table 9).

ESCAPEMENT BY SPECIES

CHINOOK SALMON

The 2022 North Alaska Peninsula estimated total Chinook salmon escapement of 12,174 fish was comparable to the 10-year average of 11,310 fish (Table 1). The only North Alaska Peninsula river system with a Chinook salmon escapement goal is the Nelson River, with a BEG range of 2,400–5,000 fish (Schaberg et al. 2019). During the 2022 season, 3,785 Chinook salmon escaped into Nelson River (Tables 3 and 10). The combined King Salmon, Bear, and Sandy Rivers (Bear River Section) estimated Chinook salmon escapement was 254 fish, which was below the 10-year average of 1,783 fish (Table 3, Appendix A1). The Bear River and Sandy River weir counts (Tables 11 and 12) do not accurately reflect the total escapement of Chinook salmon because most of the fish spawn below the weir sites or in downstream tributaries. In 2022, 10 Chinook salmon passed the Ilnik River weir (Table 13). The Chinook salmon escapement of 3,575 fish into the Inner Port Heiden Section (the Meshik River and its tributaries) was above the 10-year average of 1,630 fish (Table 3, Appendix A1). In the Cinder River Section, 3,125 Chinook salmon were documented, which exceeded the 10-year average of 2,229 fish (Table 3, Appendix A1).

SOCKEYE SALMON

The 2022 North Alaska Peninsula estimated total sockeye salmon escapement of 1,092,090 fish, which included weir and aerial survey counts, was below the 10-year average estimated escapement of 1,290,228 fish (Table 1, Figure 6). The combined North Alaska Peninsula escapement goal range is 577,400–1,079,800 sockeye salmon for systems with established goals (Schaberg et al. 2019). The systems with an SEG are Christianson Lagoon (25,000–50,000 fish), North Creek (7,500–10,000 fish), Bear River (early run 176,000–293,000 fish, late run 117,000–195,000 fish, or combined 293,000–488,000 fish), Sandy River (34,000–74,000 fish), Ilnik River (40,000–60,000 fish), Meshik River (48,000–86,000 fish), and Cinder River (36,000–94,000 fish; Schaberg et al. 2019). Nelson River is the only system on the North Alaska Peninsula with a BEG (97,000–219,000 fish; Schaberg et al. 2019). The systems most often considered in management decisions, historical escapements, and goal ranges are detailed in Table 14. In 2022, Swanson Lagoon (20 sockeye salmon), located in the Northwestern District (Appendix A1), was the only

system not to achieve its escapement goal. Bear River exceeded its escapement goal with a total of 517,000 sockeye salmon. All other systems met their escapement goals.

Nelson River

In 2022, 109,900 sockeye salmon escaped into streams in the Nelson Lagoon Section (Table 4), of which 98,000 fish returned to Nelson River, 6,900 returned to David's River, and 5,000 returned to Caribou River (Appendix A1). The Nelson River weir escapement of 98,000 fish met the escapement goal of 97,000–219,000 but was below the 10-year average of 259,096 fish (Tables 14 and 15; Schaberg et al. 2019). The peak daily escapement (5,244 fish) at the Nelson River weir occurred on July 16 (Table 15).

Nelson River is the only North Alaska Peninsula river system with a female sockeye salmon escapement objective. In the past, high numbers of female sockeye salmon have been harvested in the commercial fishery, reducing the quality of escapement. To account for this, the proportion of female sockeye salmon passing the weir is determined through periodic sampling. This proportion is then extrapolated to account for the entire day's escapement. An estimated 43,463 female sockeye salmon, 44% of the total escapement, passed the weir in 2022, failing to meet the escapement objective of 50,000–110,000 female fish (Murphy and Russell 2022).

Bear River

Bear River has early and late sockeye salmon escapement goals because the river has 2 temporally distinct runs. In 2022, the Bear River early run (before August 1) exceeded the escapement goal of 176,000–293,000 fish with an escapement of 365,699 sockeye salmon, and the late run (after July 31) exceeded the escapement goal of 117,000–195,000 fish with an escapement of 151,301 sockeye salmon (Tables 16 and 17; Schaberg et al. 2019). The largest daily escapement at the weir in 2022 occurred on July 9 when 20,407 sockeye salmon were counted (Table 17).

Sandy River

The 2022 Sandy River sockeye salmon escapement of 44,000 fish was within the escapement goal range of 34,000–74,000 fish but was below the 10-year average escapement of 77,776 fish (Tables 14 and 18; Schaberg et al. 2019). The largest daily escapement at the Sandy River weir occurred on July 16 when 3,343 sockeye salmon were counted (Table 18).

Ilnik River

In 2022, 94,500 sockeye salmon passed the Ilnik River weir. However, the Ocean River, a tributary of the Ilnik River, changed course during the winter and flowed directly into the Bering Sea in 2022. Aerial surveys estimated an escapement of 16,000 sockeye salmon into Ocean River for a total escapement of 110,500 sockeye salmon into the Ilnik Systems (Table 19, Appendix A1). Ilnik River escapement met the escapement goal of 40,000–60,000 fish and was above the 10-year average of 82,621 fish (Table 14; Schaberg et al. 2019). The largest daily escapement at the Ilnik River weir occurred on June 19, when 6,827 sockeye salmon passed the weir (Table 19).

Port Heiden

Most of the escapement in Port Heiden is composed of fish spawning in Meshik River. Escapement into Meshik River and its tributaries are determined by aerial surveys. A total of 112,700 sockeye salmon were documented in the Meshik River (including Red Bluff Creek), exceeding the

escapement goal of 48,000–86,000 fish (Appendices A1 and A2; Schaberg et al. 2019). This escapement was slightly above the 10-year average of 108,959 fish (Table 14).

COHO SALMON

Due to time and logistical constraints, coho salmon surveys are conducted before the peak of coho salmon runs. Therefore, actual escapement into streams on the North Peninsula is probably much greater than what was observed by aerial survey. Nelson and Ilnik Rivers are the only systems on the North Alaska Peninsula that have a coho salmon lower-bound SEG. At Nelson River, the peak escapement estimate of 21,500 coho salmon (determined by aerial survey) exceeded the goal of 18,000 fish (Appendix A1; Schaberg et al. 2019). A total of 34,000 coho salmon were observed in Ilnik River, and 2,200 coho salmon were observed in Ocean River (Appendix A1). The peak escapement estimate of 34,200 coho salmon for the Ilnik River system far exceeded the escapement goal of 9,000 fish (Schaberg et al. 2019). Some of the larger estimated escapements occurred in Meshik River (96,000 coho salmon) and Cinder River (35,000 coho salmon; Appendix A1).

Approximately 191,920 coho salmon were documented by aerial surveys in 16 North Alaska Peninsula streams during 2022 (Appendices A1 and A2).

PINK SALMON

Pink salmon escapements are typically larger on even-numbered years than odd-numbered years on the Alaska Peninsula. The 2022 North Alaska Peninsula estimated total pink salmon escapement of 79,589 fish was in line with the 10-year even-year average of 78,344 fish (Table 1, Appendix A1). The majority of the pink salmon escapement occurred in the Northern District (47,789 fish; Appendix A1), accounting for 60% of the total escapement for the North Peninsula.

CHUM SALMON

The North Alaska Peninsula has 2 aggregated chum salmon escapement goals for the Northern and Northwestern Districts. In 2022, the Northern District chum salmon escapement of 163,882 fish met the escapement goal of 119,600–239,200 fish (Table 8, Appendix A1; Schaberg et al. 2019). Historically, the Herendeen-Moller Bay Section has the largest chum salmon run in the Northern District. In 2022, Herendeen and Moller Bays accounted for about 37% of the total Northern District chum salmon escapement (60,600 fish; Table 8). The remaining chum salmon escapement in the Northern District is shown in Table 8. The Northwestern District chum salmon escapement of 50,900 fish was short of the goal of 100,000–215,000 fish and was below the previous 10-year average of 110,959 fish (Table 9; Schaberg et al. 2019). The aggregate North Alaska Peninsula estimated chum salmon escapement of 214,782 fish was below the 10-year average of 278,167 (Table 1).

AGE, SEX, AND LENGTH SAMPLING

Age, sex, and length (ASL) data were collected following procedures outlined in published operation plans (Johnson 2019; Wattum and Foster 2021). Ages were recorded using European notation (Koo 1962), where a decimal point separates the number of winters spent in freshwater (after emergence) from the number of winters spent in saltwater. The total age of the fish includes an additional winter representing the time between egg deposition and fry emergence. Length measurements were taken from mid eye to tail fork in millimeters, and sex was determined from

external morphological characteristics. All data were typically recorded in field notebooks and then digitized using netbook computers and entered into the database via the Kodiak intranet salmon aging utility. Escapement ASL compositions were computed for each system sampled. Age and sex composition estimates were linearly interpolated for days between sampling events, and extrapolated using data from the nearest statistical week in which age and sex data were available for periods before and after samples were collected, then summarized by statistical week. The age composition in the sample was apportioned to the escapement of the statistical period (week). Length composition data were summarized by age and sex and represent only the fish sampled. Descriptions of component programs used to compute age, length, and sex composition summaries can be found in database end user documentation (ADF&G Commercial Fisheries Division database documentation, Neil Moomey, Kodiak, Alaska, 2022, unpublished).

BEAR RIVER

A total of 839 scale samples were ageable and used to represent an escapement of 368,072 early-run sockeye salmon at Bear Lake (Appendix B1). Bear Lake early-run sockeye salmon escapement was predominated by age-1.3 (82%), -2.3 (7%), and -1.2 (6%) sockeye salmon (Appendix B1). The average length of sampled sockeye salmon was 531 mm (Appendix B2). The Bear Lake early-run sockeye salmon escapement was composed of 61% female sockeye salmon (Appendix B3).

A total of 608 scale samples were ageable and used to represent an escapement of 148,928 late-run sockeye salmon at Bear Lake (Appendix B4). Bear Lake late-run sockeye salmon escapement was predominated by age-1.3 (49%), -1.2 (22%), and -2.2 (17%) sockeye salmon (Appendix B4). The average length of sampled sockeye salmon was 522 mm (Appendix B5). The Bear Lake late-run sockeye salmon escapement was composed of 60% female sockeye salmon (Appendix B3).

The late sockeye salmon run to Bear River was an estimated 248,951 fish in 2022, with age-1.3 fish accounting for 47%, age-1.2 fish accounting for 22%, and age-2.2 fish accounting for 19% of the run (Appendix B6).

ILNIK RIVER

A total of 1,021 scale samples were ageable and used to represent an escapement of 110,500 sockeye salmon at Ilnik River (Appendix B7). Ilnik River sockeye salmon escapement was predominated by age-1.3 (58%), -2.3 (15%), and -0.3 (13%) sockeye salmon (Appendix B7). The average length of sockeye salmon was 534 mm (Appendix B8). The Ilnik River sockeye salmon escapement was composed of 52% female sockeye salmon (Appendix B9).

NELSON RIVER

A total of 677 scale samples were ageable and used to represent an escapement of 98,000 sockeye salmon at Nelson River (Appendix B10). Nelson River sockeye salmon escapement was predominated by age-1.3 (27%), -2.2 (24%), and -1.1 (20%) sockeye salmon (Appendix B10). The average length of sockeye salmon was 463 mm (Appendix B11). The Nelson River sockeye salmon escapement was composed of 41% female sockeye salmon (Appendix B12).

The sockeye salmon run to Nelson River was an estimated 156,499 fish in 2022, with age-1.3 fish accounting for 27%, age-2.2 fish accounting for 24%, and age-1.1 fish accounting for 20% of the run (Appendix B13).

SANDY RIVER

A total of 650 scale samples were ageable and used to represent an escapement of 44,000 sockeye salmon at Sandy River (Appendix B14). Sandy River sockeye salmon escapement was predominated by age-1.2 (52%), -1.3 (37%), and -2.2 (5%) sockeye salmon (Appendix B14). The average length of sockeye salmon was 485 mm (Appendix B15). The Sandy River sockeye salmon escapement was composed of 55% female sockeye salmon (Appendix 16).

COMMERCIAL SALMON FISHERY SUMMARY

Most of the commercial fishing effort on the North Alaska Peninsula targets sockeye salmon in the Northern District. The total Northern District sockeye salmon harvest was 3,548,252 sockeye salmon, which was more than 99% of the North Alaska Peninsula sockeye salmon harvest of 3,604,235 sockeye salmon (Tables 1 and 4). Sockeye salmon harvested in the Northwestern District is usually incidental to targeted pink and chum salmon fisheries. Fisheries targeting chum salmon in the Northwestern District harvested 9,357 chum salmon (Table 9). A complete listing of all commercial salmon harvested by day on the North Peninsula can be found in Table 20.

NORTHWESTERN DISTRICT

During the 2022 Northwestern District commercial salmon fishery, 0 Chinook, 56,020 sockeye, 98 coho, 4,041 pink, and 9,357 chum salmon were harvested (Table 21). The Northwestern District only has a few sockeye salmon producing systems and receives less commercial fishing effort than the Northern District. Fishing effort in the Northwestern District typically targets chum salmon in the Izembek-Moffet Bay Section. The 2022 sockeye salmon harvest in the Northwestern District of 55,720 fish was above the 10-year average harvest of 38,047 fish (Table 22). The chum salmon harvest of 9,357 fish in 2022 was below the 10-year average harvest of 100,570 fish (Table 9). The pink salmon harvest of 4,041 fish was above the even-year average (2012-2020) of 2,366 fish (Table 7). Traditionally, chum salmon are the most harvested species in the Northwestern District, followed by sockeye salmon; a trend reversed this year.

NORTHERN DISTRICT

Black Hills Section

The Black Hills Section may open to commercial salmon fishing starting May 1 (5 AAC 09.310 (a)(10)). Typically, harvest effort in the Black Hills Section targets sockeye salmon and only occurs when other fishing areas are closed. In 2022, 3 permit holders harvested 189 sockeye salmon in the Black Hills Section (Table 2). Regularly scheduled weekly fishing periods occurred throughout the season, but most periods had minimal fishing effort. Most of the Black Hills Section harvest occurred between July 31 and August 13, when many other sections were closed. The sockeye salmon harvest was below the 10-year average of 22,197 fish (Table 4). Confidentiality rules prohibit reporting harvest by date in the Black Hills Section.

Nelson Lagoon Section

The Nelson Lagoon Section may open to commercial salmon fishing on May 1 (5 AAC 09.310 (a)(8)). Fishing times are based on the evaluation of the Nelson River sockeye salmon stocks from mid-June to mid-August (5 AAC 09.369 (e)(2)). During the 2022 commercial salmon fishing season, the Nelson Lagoon Section was open during regularly-scheduled weekly fishing periods, except for when a few fishing periods were closed early or delayed to allow for additional

escapement (Tables 23 and 24). The total Nelson River system sockeye salmon run, consisting of the Nelson Lagoon Section harvest and escapements of all Nelson River tributaries, was 176,999 fish (Table 4). A total of 27 permit holders harvested 58,499 sockeye salmon (Table 24), below the 10-year average harvest of 194,326 fish (Table 4, Figure 7). The salmon harvest in the Nelson Lagoon Section was from June 13 to September 9. The peak daily catch occurred on June 27 when 23 permit holders harvested 4,335 sockeye salmon (Table 24). The largest weekly harvest in Nelson Lagoon occurred between June 19 and June 25 when 12,391 sockeye salmon were harvested (Table 2, Figure 8).

After August 15, the Nelson Lagoon Section is managed based on coho salmon run strength at the Nelson River. A total of 4,537 coho salmon were harvested in the Nelson Lagoon Section in 2022, below the recent 10-year average of 24,982 fish (Table 6).

Bear River and Three Hills Sections

By regulation, the Bear River Section may open to commercial salmon fishing on May 1, whereas the Three Hills Section may open on June 25 (5 AAC 09.310 (a)(4)(5)). Fishing times in the Bear River and Three Hills Sections are based on the evaluation of the sockeye salmon stocks of the Bear and Sandy Rivers through June and July (Murphy and Russell 2022).

In 2022, the Bear River early run was slow to develop and trended along the lower end of the interim escapement objectives throughout June. Starting the first week of July, escapements rapidly increased, and the upper end of the escapement goal was exceeded by July 18. The Sandy River sockeye salmon run tracked similarly to the Bear River run, and interim escapement objectives were met on July 10. Due to slow developing runs at Bear and Sandy Rivers, commercial fishing was closed in the Bear River and Three Hills Section until July 8. On July 3, weir escapements increased rapidly at the Bear River weir. On July 7, it became apparent that the run was developing quickly, and commercial fishing was allowed in the Bear River and Three Hills Sections with waters closed to commercial salmon fishing south of the Sandy River. On July 12, an additional portion of the Bear River Section was opened to commercial salmon fishing, and closed waters were reduced at Bear River to the stream terminus at the ocean shoreline. Commercial fishing occurred from July 8 through July 29 in both the Bear River and Three Hills Sections, with only 1 closure occurring on July 16 and 17. These sections closed on July 30 to allow the Bear River late run to develop, which begins August 1 (Table 25).

Traditionally, a test fishery is conducted in early August to assess the building late run. In 2022, a test fishery did not occur due to weather and poor weir counts. However, on August 5, daily escapements for the late run at Bear River started to climb, and by August 8, a total of 55,461 adult sockeye salmon had passed the weir for the late run. As a result, the commercial fishery in the Bear River, Three Hills, and Ilnik Sections opened on August 9, with that area of the beach between the King Salmon River and the Sandy River Bluffs closed to protect the developing late run (Table 23). On August 12, closed waters in the Bear River Section reverted to those described in regulation.

Harvest in the Bear River Section occurred from July 8 to September 7. A total of 78 permit holders harvested 240,255 sockeye salmon, which was below the 10-year average harvest of 254,315 fish (Tables 4 and 25). The largest weekly harvest in the Bear River Section of 62,338 sockeye salmon occurred between July 17 and July 23 (Table 2, Figure 9), with the largest daily harvest of 17,044 fish on July 13 (Table 25). The total late-run harvest of 100,023 sockeye salmon (which includes harvests made in the Port Moller Bight, Three Hills, and Ilnik Sections after August 1) was below

the most recent 10-year average of 216,562 fish, and the late-run escapement (151,301 fish) was also below the most recent 10-year average of 193,383 fish (Table 16).

Harvest in the Three Hills Section occurred from July 10 until August 21, and a total of 58,341 sockeye salmon were harvested by 54 permit holders (Tables 4 and 27). The 2022 sockeye salmon harvest was below the most recent 10-year average of 170,570 fish (Table 4).

Ilnik Section

The Ilnik Section may open to commercial salmon fishing on June 20, depending on escapement in the Ilnik and Meshik Rivers (5 AAC 09.369(j)(1)(A)). Management of the Ilnik Section northeast of Unangashak Bluffs is based on the Ilnik River weir escapement and Meshik River sockeye salmon escapement (as determined by aerial surveys). In that portion of the Ilnik Section southwest of Unangashak Bluffs, management actions are based on the Ilnik River weir escapement from June 20 to July 20. Between July 21 and August 15, the Ilnik Section harvest is based on the abundance of Bear River sockeye salmon stocks (Murphy and Russell 2022).

The eastern portion of the Ilnik Section was closed for most of the 2022 season to protect fish entering Ocean River. Ocean River is a tributary of the Ilnik River but can change its course from year to year; during 2022, Ocean River was no longer connected to the Ilnik River and started to drain directly into the Bering Sea.

In 2022, 135 permit holders harvested 2,086,643 sockeye salmon in the Ilnik Section (Table 28). The majority of the harvest (1,587,368 sockeye salmon) occurred in the Northeast portion of the Ilnik Section (Table 21, Figure 2). The peak daily catch was on July 8 when 231,202 sockeye salmon were harvested (Table 28). The largest weekly harvest occurred between July 3 and July 9 when 808,944 sockeye salmon were harvested (Table 2).

After August 15, by regulation, the Ilnik Section is managed based on coho salmon runs into Ilnik Lagoon. In 2022, a total of 403 coho salmon were harvested in the Ilnik Section (Table 6).

Outer Port Heiden Section

By regulation, the Outer Port Heiden Section may open to commercial salmon fishing from June 20 through July 31. Fishing time in the Outer Port Heiden Section is based on Meshik River sockeye salmon abundance unless management actions are taken for the conservation of Ugashik River sockeye salmon in the Egegik District (Murphy and Russell 2022). The weekly fishing period in the Outer Port Heiden Section allows 2½ days of fishing per week. Commercial salmon fishing opened in the Outer Port Heiden Section on June 23 for the first fishing period. Fishing periods were allotted for 2 ½ days per week in the Outer Port Heiden Section until July 29, when it was closed for the season (Table 23). A total of 110 permit holders harvested 1,093,611 sockeye salmon from the Outer Port Heiden Section (Table 29). The peak daily catch was on July 4 when 74 permit holders harvested 200,858 sockeye salmon (Table 29). The largest weekly harvest of 417,656 sockeye salmon occurred between July 3 and July 9 (Table 2; Figure 9). The number of permit holders fishing in the Outer Port Heiden Section in 2022 was comparable to the previous 10 years (Figure 10), whereas the sockeye salmon harvest was above the 10-year average of 504,512 fish (Table 4).

Inner Port Heiden and Cinder River Sections

The Inner Port Heiden and Cinder River Sections are both part of the Area M/Area T overlap. There was no commercial fishing effort in either section in 2022. Commercial fishing effort has

not significantly or consistently occurred in either section since the late 1990s. Table 30 provides historical harvest data for the Area M/Area T overlap area.

EXVESSEL VALUE

Appendix B provides a brief summary of exvessel values of the 2022 North Alaska Peninsula commercial salmon fisheries.

The total exvessel value of the 2022 North Alaska Peninsula fisheries is estimated to be \$29.3 million. The exvessel value is above the recent 10-year average of \$16.9 million (Appendix B1). In 2022, sockeye salmon sold for an average price of \$1.50 per pound, and Chinook salmon sold for \$2.31 per pound, both above the most recent 10-year averages of \$1.09 and \$1.35, respectively (Appendix B2). The price per pound of coho salmon (\$0.40) was above the most recent 10-year average price per pound of \$0.23 (Appendix B2). Pink salmon were only incidentally harvested on the North Peninsula in 2022. Chum salmon were bought by processors for an average of \$0.35 per pound, which was equal to the most recent 10-year average of \$0.35 per pound (Appendix B2).

Sockeye salmon made up most of the value of the fishery, totaling \$29.2 million (Appendix B3). Coho and chum salmon were the next most valuable species, at \$44,030 and \$36,057, respectively (Appendix B1).

The majority of exvessel value in North Alaska Peninsula fisheries was from the Northern District by the drift gillnet fishery, which accounted for \$28.4 million in total value, whereas the set gillnet fishery accounted for \$466,384. Within the Northwestern District, the purse seine fishery accounted for \$427,127 of harvest (Appendix B3).

EMERGENCY ORDERS

In 2022, a total of 27 emergency orders were issued concerning North Alaska Peninsula salmon fisheries (Table 23). The first emergency order for the North Alaska Peninsula was issued on June 16 and the last on August 31. Emergency orders for North Alaska Peninsula fisheries were issued from the regional ADF&G offices in Port Moller for the Northern District, and in Cold Bay for the Northwestern District.

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TABLES AND FIGURES

Table 1.—North Alaska Peninsula salmon runs by species, 1962–2022.

Year		Number of salmon					Total
		Chinook	Sockeye	Coho	Pink	Chum	
1962	Catch	5,400	249,700	35,200	31,200	34,900	356,400
	Escapement ^a	4,400	351,200		4,000	150,900	
	Total	9,800	600,900		35,200	185,800	
1963	Catch	3,600	225,200	40,500	6,900	49,900	326,100
	Escapement ^a	6,200	351,000		4,400 ^b	203,200	
	Total	9,800	576,200		11,300 ^b	253,100	
1964	Catch	3,600	250,800	36,600	6,800	139,000	436,800
	Escapement ^a	25,900	419,900		15,100	156,100	
	Total	29,500	670,700		21,900	295,100	
1965	Catch	6,100	199,500	34,500	2,100	69,700	311,900
	Escapement ^a	22,100	238,400		900	49,300	
	Total	28,200	437,900		3,000	119,000	
1966	Catch	5,600	245,300	37,300	16,000	82,800	387,000
	Escapement ^a	8,200	283,300		2,000	149,000	
	Total	13,800	528,600		18,000	231,800	
1967	Catch	5,500	224,700	46,800	700	41,300	319,000
	Escapement ^a	12,200	299,700		700	122,600	
	Total	17,700	524,400		1,400	163,900	
1968	Catch	4,500	237,100	64,900	200	73,500	380,200
	Escapement ^a	15,800	251,300		26,500	250,800	
	Total	20,300	488,400		26,700	324,300	
1969	Catch	4,800	321,300	49,100	100	28,100	403,400
	Escapement ^a	19,500	575,000		4,400	146,800	
	Total	24,300	896,300		4,500	174,900	
1970	Catch	3,829	187,793	26,327	7,904	47,989	273,842
	Escapement ^a	8,300	451,500		11,100	169,800	
	Total	12,129	639,293		19,004	217,789	
1971	Catch	2,187	353,784	8,222	297	64,154	428,644
	Escapement ^a	5,200	435,100		8,600	109,400	
	Total	7,387	788,884		8,897	173,554	
1972	Catch	1,790	179,325	9,684	129	84,687	275,615
	Escapement ^a	5,000	190,200		1,300	124,000	
	Total	6,790	369,525		1,429	208,687	
1973	Catch	2,569	165,388	19,776	143	152,773	340,649
	Escapement ^a	4,300	180,200		200	122,400	
	Total	6,869	345,588		343	275,173	
1974	Catch	2,710	246,209	16,799	10,599	34,417	310,734
	Escapement ^a	3,000	332,800		23,000	105,100	
	Total	5,710	579,009		33,599	139,517	

-continued-

Table 1.—Page 2 of 5.

Year		Number of salmon					Total
		Chinook	Sockeye	Coho	Pink	Chum	
1975	Catch	2,093	233,293	28,349	295	8,770	272,800
	Escapement ^a	4,600	516,800		600	109,200	
	Total	6,693	750,093		895	117,970	
1976	Catch	4,947	641,134	26,061	672	73,589	746,403
	Escapement ^a	6,000	532,600		37,300	293,400	
	Total	10,947	1,173,734		37,972	366,989	
1977	Catch	5,489	472,006	34,137	888	129,168	641,688
	Escapement ^a	7,100	541,100		8,500	681,200	
	Total	12,589	1,013,106		9,388	810,368	
1978	Catch	13,524	896,616	63,341	485,224	163,804	1,622,509
	Escapement ^a	13,700	1,213,500		96,800	310,500	
	Total	27,224	2,110,116		582,024	474,304	
1979	Catch	15,704	1,979,167	112,835	4,994	65,711	2,178,411
	Escapement ^a	15,800	1,574,000		9,300	305,300	
	Total	31,504	3,553,167		14,294	371,011	
1980	Catch	16,627	1,397,118	127,878	301,672	700,196	2,543,491
	Escapement ^a	11,000	1,387,600		103,600	769,500	
	Total	27,627	2,784,718		405,272	1,469,696	
1981	Catch	18,385	1,844,335	155,420	11,217	706,818	2,736,175
	Escapement ^a	12,400	1,347,900		6,100	535,200	
	Total	30,785	3,192,235		17,317	1,242,018	
1982	Catch	29,770	1,435,277	238,016	12,321	331,133	2,046,517
	Escapement ^a	20,000	718,400		51,700	457,600	
	Total	49,770	2,153,677		64,021	788,733	
1983	Catch	29,006	2,090,142	75,138	3,404	348,307	2,545,997
	Escapement ^a	25,700	580,300		4,000	392,600	
	Total	54,706	2,670,442		7,404	740,907	
1984	Catch	22,770	1,798,780	200,482	46,369	805,132	2,873,533
	Escapement ^a	17,700	826,000		56,600	870,200	
	Total	40,470	2,624,780		102,969	1,675,332	
1985	Catch	23,403	2,596,073	176,118	3,054	666,616	3,465,264
	Escapement ^a	12,900	898,100		1,400	344,200	
	Total	36,303	3,494,173		4,454	1,010,816	
1986	Catch	11,735	2,463,734	164,071	22,630	271,216	2,933,386
	Escapement ^a	8,700	580,300		13,300	243,600	
	Total	20,435	3,044,034		35,930	514,816	
1987	Catch	14,186	1,209,435	171,784	3,486	368,696	1,767,587
	Escapement ^a	10,700	556,000		100	510,900	
	Total	24,886	1,765,435		3,586	879,596	

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Table 1.—Page 3 of 5.

Year		Number of salmon					Total
		Chinook	Sockeye	Coho	Pink	Chum	
1988	Catch	16,721	1,528,107	233,966	65,242	393,075	2,237,111
	Escapement ^a	11,700	614,900	200–300 ^{b,c}	43,500	500,300	
	Total	28,421	2,143,007		108,742	893,375	
1989	Catch	10,698	1,718,001	227,551	4,103	156,992	2,117,345
	Escapement ^a	5,600	814,400	150–250 ^{b,c}	1,900	212,300	
	Total	16,298	2,532,401		6,003	369,292	
1990	Catch	12,320	2,416,047	192,978	517,724	126,113	3,265,182
	Escapement ^a	7,100	1,032,200	140–175 ^{b,c}	132,200	226,400	
	Total	19,420	3,448,247		649,924	352,513	
1991	Catch	9,359	2,391,406	218,274	4,249	191,278	2,814,566
	Escapement ^a	9,600	1,317,300		6,300	303,300	
	Total	18,959	3,708,706		10,549	494,578	
1992	Catch	13,136	3,575,507	206,813	194,395	341,616	4,331,467
	Escapement ^a	6,600	861,300		207,600	351,700	
	Total	19,736	4,436,807		401,995	693,316	
1993	Catch	22,417	3,866,479	64,376	5,328	134,957	4,093,557
	Escapement ^a	13,700	1,003,800		72,800	402,400	
	Total	36,117	4,870,279		78,128	537,357	
1994	Catch	18,508	2,783,156	241,913	226,315	83,897	3,353,789
	Escapement ^a	38,400	1,211,400		133,200	480,200	
	Total	56,908	3,994,556		359,515	564,097	
1995	Catch	7,540	3,272,748	135,639	12,171	99,293	3,527,391
	Escapement ^a	24,400	1,077,000		8,200	756,300	
	Total	31,940	4,349,748		20,371	855,593	
1996	Catch	4,941	1,911,126	157,313	53,842	67,956	2,195,178
	Escapement ^a	25,700	967,900		382,600	823,100	
	Total	30,641	2,879,026		436,442	891,056	
1997	Catch	10,352	2,151,010	94,776	50,701	97,380	2,404,219
	Escapement ^a	19,500	820,300		25,000	388,200	
	Total	29,852	2,971,010		75,701	485,580	
1998	Catch	5,928	1,087,552	134,724	34,810	69,516	1,332,530
	Escapement ^a	15,000	876,728		300,000	729,500	
	Total	20,928	1,964,280		334,810	799,016	
1999	Catch	4,886	1,783,804	53,907	4,367	50,120	1,897,084
	Escapement ^a	10,900	898,875		25,000	666,300	
	Total	15,786	2,682,679		29,367	716,420	

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Table 1.—Page 4 of 5.

Year		Number of salmon					Total
		Chinook	Sockeye	Coho	Pink	Chum	
2000	Catch	3,904	1,968,882	83,655	34,373	93,696	2,184,510
	Escapement ^a	9,600	883,200		70,900	594,700	
	Total	13,504	2,852,082		105,273	688,396	
2001	Catch	4,412	1,147,030	22,162	12,469	174,523	1,360,596
	Escapement ^a	13,300	885,439		24,300	692,700	
	Total	17,712	2,032,469		36,769	867,223	
2002	Catch	3,852	1,415,872	28,751	21,461	51,040	1,520,976
	Escapement ^a	18,900	829,190	289,333 ^d	24,900	679,900	
	Total	22,752	2,245,062	318,084	46,361	730,940	
2003	Catch	4,545	1,477,391	53,137	18,624	38,755	1,592,452
	Escapement ^a	11,078	1,271,011	337,800 ^d	20,000	450,660	
	Total	15,623	2,748,402	390,937	38,624	489,415	
2004	Catch	10,402	2,433,778	33,920	15,828	14,958	2,508,886
	Escapement ^a	30,874	1,433,777	520,400 ^d	122,000	434,950	
	Total	41,276	3,867,555	554,320	137,828	449,908	
2005	Catch	9,198	3,115,792	68,680	3,830	42,539	3,240,039
	Escapement ^a	30,617	1,547,788	138,169 ^d	52,628	296,640	
	Total	39,815	4,663,580	206,849	56,458	339,179	
2006	Catch	7,637	2,375,158	93,932	64,207	131,718	2,672,675
	Escapement ^a	32,173	1,197,546	229,440 ^d	252,462	576,043	
	Total	39,810	3,572,704	323,372	316,669	707,761	
2007	Catch	7,609	3,408,818	68,969	137,882	181,009	3,804,287
	Escapement ^a	20,685	1,068,952	74,050 ^{d,e}	45,509	578,784	
	Total	28,294	4,477,770	143,019	183,391	759,793	
2008	Catch	1,799	2,003,906	125,237	21,136	177,364	2,329,442
	Escapement ^a	36,072	1,018,670	178,925 ^d	49,400	470,287	
	Total	37,871	3,022,576	304,162	70,536	647,651	
2009	Catch	3,189	2,426,601	66,713	275,083	105,994	2,877,580
	Escapement ^a	12,807	934,400	206,695 ^d	91,441	232,591	
	Total	15,996	3,361,001	273,408	366,524	338,585	
2010	Catch	2,772	2,229,978	62,147	7,833	259,063	2,561,793
	Escapement ^a	9,387	879,400	117,900	32,412	289,410	
	Total	12,159	3,109,378	180,047	40,245	548,473	
2011	Catch	2,368	923,194	19,440	108,830	293,782	1,347,614
	Escapement ^a	15,254	795,105	108,150	16,778	248,352	
	Total	17,622	1,718,299	127,590	125,608	542,134	
2012	Catch	1,053	764,388	37,399	1,173	283,035	1,087,048
	Escapement ^a	3,574	743,790	163,670	28,968	280,418	
	Total	4,627	1,508,178	201,069	30,141	563,453	

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Table 1.–Page 5 of 5.

Year		Number of salmon					Total
		Chinook	Sockeye	Coho	Pink	Chum	
2013	Catch	571	721,336	27,256	5,281	130,939	885,383
	Escapement ^a	4,346	990,800	100,075	8,183	230,051	
	Total	4,917	1,712,136	127,331	13,464	360,990	
2014	Catch	906	1,962,932	104,374	11,437	128,843	2,208,492
	Escapement ^a	8,590	1,159,152	252,850	96,059	246,111	
	Total	9,496	3,122,084	357,224	107,496	374,954	
2015	Catch	2,843	2,728,318	57,133	12,392	191,676	2,992,362
	Escapement ^a	11,545	1,375,960	258,050	263,796	278,994	
	Total	14,344	4,104,278	299,938	276,188	470,670	
2016	Catch	1,891	3,503,541	73,038	12,274	88,894	3,679,638
	Escapement ^a	17,464	1,611,310	291,775	97,496	390,924	
	Total	19,355	5,114,851	364,813	109,770	479,818	
2017	Catch	2,858	3,861,515	6,655	11,341	82,230	3,964,599
	Escapement ^a	7,626	2,365,317	103,750	388,271	430,140	
	Total	10,484	6,226,832	110,405	399,612	512,370	
2018	Catch	1,761	2,366,324	105,210	32,241	157,349	2,662,885
	Escapement ^a	15,909	1,328,750	343,300	51,043	236,109	
	Total	17,670	3,695,074	448,510	83,284	393,458	
2019	Catch	3,874	2,400,781	42,448	578,038	231,144	3,256,285
	Escapement ^a	21,327	1,095,225	168,800	285,278	345,097	
	Total	25,201	3,496,006	211,248	863,316	576,241	
2020	Catch	1,223	1,780,175	48,176	30,481	56,125	1,916,180
	Escapement ^a	10,755	1,079,928	164,100	118,152	180,915	
	Total	11,978	2,860,103	212,276	148,633	237,040	
2021	Catch	1,808	2,877,144	25,390	42,502	26,278	2,973,122
	Escapement ^a	11,961	1,152,052	130,400	123,376	162,906	
	Total	13,769	4,029,196	155,790	165,878	189,184	
2022	Catch	887	3,604,235	7,711	12,362	14,095	3,639,290
	Escapement ^a	12,174	1,092,090	191,920	79,589	214,782	
	Total	13,061	4,696,325	199,631	91,951	228,877	
2022	Projected catch	3,000	2,000,000	60,000	50,000	100,000	2,213,000
2012–2021 average ^f							
	Catch	1,879	2,296,645	52,712	17,521	137,651	2,562,603
	Escapement ^a	11,310	1,290,228	197,677	78,344	278,167	
	Total	13,184	3,586,874	248,864	95,865	415,818	

Note: Catch numbers do not include test-fishery harvest or fish retained for personal use. Survey data prior to 2002 are incomplete.

^a Escapements are estimated totals.

^b These figures are very rough extrapolated estimates.

^c Number of fish in thousands.

^d Escapement estimates are a minimum count.

^e No surveys were conducted in the Northern District.

^f Averages for pink salmon include only the even-numbered years 2010, 2012, 2014, 2016, and 2018.

Table 2.—North Alaska Peninsula salmon harvest by species, week, and section, all gear combined, 2022.

Catch dates	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Dublin Bay Section ^a												
Total	0	—	—	—	—	—	—	—	—	—	—	—
Urilia Bay Section												
10-Jul to 16-Jul	3	15	0	0	43,220	218,036	1	8	251	836	9	46
17-Jul to 23-Jul	—	—	—	—	—	—	—	—	—	—	—	—
24-Jul to 30-Jul	—	—	—	—	—	—	—	—	—	—	—	—
Total ^b	3	16	0	0	45,306	228,468	1	8	642	2,010	29	166
Swanson Lagoon Section												
24-Jul to 30-Jul ^c	—	—	—	—	—	—	—	—	—	—	—	—
Total ^b	—	—	—	—	—	—	—	—	—	—	—	—
Bechevin Bay Section ^a												
Total	—	—	—	—	—	—	—	—	—	—	—	—
Izembek-Moffet Bay Section												
3-Jul to 9-Jul	—	—	—	—	—	—	—	—	—	—	—	—
10-Jul to 16-Jul	—	—	—	—	—	—	—	—	—	—	—	—
17-Jul to 23-Jul	—	—	—	—	—	—	—	—	—	—	—	—
24-Jul to 30-Jul	—	—	—	—	—	—	—	—	—	—	—	—
31-Jul to 6-Aug	5	5	0	0	1,328	6,610	61	375	1,005	3,348	451	2,679
7-Aug to 13-Aug	—	—	—	—	—	—	—	—	—	—	—	—
14-Aug to 20-Aug	3	3	0	0	46	252	21	145	35	148	325	2,050
Total ^b	8	14	0	0	10,594	44,478	97	617	3,392	10,551	9,316	72,593

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Table 2.–Page 2 of 5.

Catch dates	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Caribou Flats Section ^c												
Total												
Black Hills Section												
31-Jul to 6-Aug ^c	–	–	–	–	–	–	–	–	–	–	–	–
7-Aug to 13-Aug ^c	–	–	–	–	–	–	–	–	–	–	–	–
14-Aug to 20-Aug ^c	–	–	–	–	–	–	–	–	–	–	–	–
Total ^b	3	3	0	0	189	1,120	0	0	2	4	2	15
Nelson Lagoon Section												
12-Jun to 18-Jun	11	25	23	375	3,938	19,681	0	0	0	0	0	0
19-Jun to 25-Jun	22	70	94	1,658	12,391	65,551	0	0	0	0	0	0
26-Jun to 2-Jul	24	69	110	2,039	9,970	55,009	0	0	0	0	0	0
3-Jul to 9-Jul	19	61	51	827	9,281	52,581	0	0	0	0	0	0
10-Jul to 16-Jul	16	45	3	63	6,804	37,627	1	4	0	0	1	4
17-Jul to 23-Jul	10	14	0	0	1,497	8,179	0	0	0	0	0	0
24-Jul to 30-Jul	12	32	0	0	4,400	24,132	0	0	0	0	10	71
31-Jul to 6-Aug	9	23	0	0	5,063	26,874	4	20	3	11	25	170
7-Aug to 13-Aug	13	30	0	0	3,211	16,967	170	938	9	50	37	250
14-Aug to 20-Aug	9	25	1	10	1,500	7,793	495	3,031	0	0	4	26
21-Aug to 27-Aug	8	19	0	0	396	2,230	909	6,795	0	0	0	0
28-Aug to 3-Sep	–	–	–	–	–	–	–	–	–	–	–	–
4-Sep to 10-Sep	10	28	0	0	48	289	2,958	23,599	0	0	0	0
Total	27	441	282	4,972	58,499	316,913	4,537	34,387	12	61	77	521

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Table 2.–Page 3 of 5.

Catch dates	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Herendeen-Moller Bay and Port Moller Bight												
13-Jun to 11-Sep ^c	–	–	–	–	–	–	–	–	–	–	–	–
Total ^c	–	–	–	–	–	–	–	–	–	–	–	–
Bear River Section												
3-Jul to 9-Jul	5	10	0	0	14,817	79,777	0	0	0	0	10	50
10-Jul to 16-Jul	26	60	6	66	56,602	312,563	0	0	0	0	12	69
17-Jul to 23-Jul	41	100	2	35	62,338	328,268	1	5	21	71	139	1,017
24-Jul to 30-Jul	43	87	0	0	28,527	155,217	26	163	192	722	431	2,492
31-Jul to 6-Aug ^e	–	–	–	–	–	–	–	–	–	–	–	–
7-Aug to 13-Aug	23	34	0	0	11,183	58,088	100	563	467	1,999	266	1,459
14-Aug to 20-Aug	27	91	1	12	29,959	153,142	212	1,210	1,002	4,090	393	2,204
21-Aug to 27-Aug	19	55	0	0	17,192	89,477	276	1,525	460	1,758	141	754
28-Aug to 3-Sep	10	25	0	0	15,309	76,033	551	3,786	113	446	129	759
4-Sep to 10-Sep	11	14	0	0	4,328	21,601	420	2,725	9	27	14	74
Total ^d	78	476	9	113	240,255	1,274,166	1,586	9,977	2,264	9,113	1,535	8,878
Three Hills Section												
10-Jul to 16-Jul	18	48	1	19	31,240	182,920	0	0	0	0	12	74
17-Jul to 23-Jul	15	24	0	0	6,841	37,939	5	25	0	0	35	240
24-Jul to 30-Jul	11	12	0	0	4,720	25,703	63	341	10	30	21	141
31-Jul to 6-Aug ^e	–	–	–	–	–	–	–	–	–	–	–	–
7-Aug to 13-Aug	8	9	0	0	2,129	11,658	333	2,261	544	1,556	79	470
7-Aug to 13-Aug ^f	21	42	0	0	12,634	64,642	530	2,669	2,725	10,445	418	2,544
Total ^b	54	137	1	19	58,341	327,276	968	5,532	3,319	12,184	572	3,509

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Table 2.—Page 4 of 5.

Catch dates	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Ilnik Section												
19-Jun to 25-Jun	84	272	234	2,276	317,983	1,661,158	0	0	0	0	84	575
26-Jun to 2-Jul	123	452	149	1,727	444,759	2,290,177	0	0	2	9	53	363
3-Jul to 9-Jul	135	580	47	571	808,944	4,369,271	0	0	4	20	183	1,288
10-Jul to 16-Jul	127	367	12	154	336,555	1,925,451	4	22	5	20	126	817
17-Jul to 23-Jul	79	198	12	170	145,419	829,740	141	772	719	2,941	881	5,917
24-Jul to 30-Jul	41	71	0	0	30,349	155,845	94	647	290	1,304	390	2,779
31-Jul to 6-Aug ^e	—	—	—	—	—	—	—	—	—	—	—	—
7-Aug to 13-Aug ^f	4	5	0	0	2,167	11,720	152	910	1,279	3,637	135	766
Total ^b	135	1,946	454	4,898	2,086,302	11,243,988	403	2,411	2,302	7,940	1,852	12,505
Harbor Point to Outer Port Heiden												
(Port Moller Bight, Bear River, Three Hills, Ilnik, and Outer Port Heiden Sections combined)												
19-Jun to 25-Jun ^g	92	330	269	2,677	367,197	1,967,706	0	0	0	0	86	590
26-Jun to 2-Jul	124	691	210	2,465	794,200	4,151,081	0	0	5	21	85	565
3-Jul to 9-Jul	136	888	65	808	1,242,551	6,736,465	0	0	16	56	319	2,096
10-Jul to 16-Jul	136	700	22	303	681,171	3,830,635	4	22	5	20	203	1,384
17-Jul to 23-Jul	110	366	15	211	237,353	1,331,875	156	839	773	3,159	1,419	9,816
24-Jul to 30-Jul	78	182	0	0	65,666	346,910	186	1,166	517	2,182	863	5,586
31-Jul to 6-Aug ^c	—	—	—	—	—	—	—	—	—	—	—	—
7-Aug to 13-Aug	31	58	0	0	16,562	86,871	585	3,734	2,372	7,438	506	2,825
14-Aug to 20-Aug	44	140	1	12	43,316	221,420	766	4,006	3,814	14,806	847	4,918
21-Aug to 27-Aug	20	62	0	0	18,422	96,136	347	1,967	571	2,154	164	876
28-Aug to 3-Sep	11	30	0	0	15,923	79,100	600	4,135	145	574	145	858
4-Sep to 10-Sep ^f	12	17	0	0	4,522	22,453	430	2,800	9	27	14	74
Total ^b	137	3,481	620	6,716	3,489,564	18,884,065	3,076	18,683	8,307	30,698	4,659	29,628

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Table 2.–Page 5 of 5.

Catch dates	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Outer Port Heiden Section												
19-Jun to 25-Jun	25	52	18	187	48,763	304,297	0	0	0	0	2	15
26-Jun to 2-Jul	71	231	56	666	348,747	1,857,444	0	0	3	12	32	202
3-Jul to 9-Jul	92	287	17	210	417,656	2,281,754	0	0	12	36	126	758
10-Jul to 16-Jul	84	215	3	64	255,711	1,404,388	0	0	0	0	53	424
17-Jul to 23-Jul	25	35	1	6	21,742	130,896	9	37	33	147	364	2,642
24-Jul to 30-Jul	3	3	0	0	992	4,761	3	15	25	126	21	174
Total	110	823	95	1,133	1,093,611	5,983,540	12	52	73	321	598	4,215
Entire North Peninsula												
12-Jun to 18-Jun	12	34	61	615	5,341	26,711	0	0	0	0	0	0
19-Jun to 25-Jun	114	400	363	4,335	379,588	2,033,257	0	0	0	0	86	590
26-Jun to 2-Jul	147	760	320	4,504	804,170	4,206,090	0	0	5	21	85	565
3-Jul to 9-Jul	155	952	116	1,635	1,260,412	6,823,362	0	0	20	68	518	3,488
10-Jul to 16-Jul	155	760	25	366	731,195	4,086,298	6	34	256	856	213	1,434
17-Jul to 23-Jul	120	380	15	211	238,850	1,340,054	156	839	773	3,159	1,419	9,816
24-Jul to 30-Jul	92	218	0	0	72,468	383,322	201	1,263	1,095	3,920	1,033	6,642
31-Jul to 6-Aug ^f	15	35	0	0	7,649	39,771	65	395	1,088	3,620	484	2,889
7-Aug to 13-Aug	47	92	0	0	20,406	107,155	755	4,672	4,551	13,996	8,758	68,793
14-Aug to 20-Aug	53	168	2	22	44,862	229,465	1,282	7,182	3,849	14,954	1,176	6,994
21-Aug to 27-Aug	28	81	0	0	18,818	98,366	1,256	8,762	571	2,154	164	876
28-Aug to 3-Sep	11	30	0	0	15,923	79,100	600	4,135	145	574	145	858
4-Sep to 10-Sep ^f	22	45	0	0	4,570	22,742	3,388	26,399	9	27	14	74
Total ^b	166	3,956	902	11,688	3,604,272	19,475,789	7,711	53,695	12,362	43,349	14,095	103,019

Note: Catch numbers do not include test-fishery harvest or fish retained for personal use. En dashes indicate that there was no fishing period in the associated Sections for the identified timeframes.

^a No harvest effort.

^b Totals may include confidential harvests.

^c Confidential.

^d Caribou flats section is closed by regulation.

^e Closed.

^f All harvests after this date are confidential.

^g All harvests before this date are confidential.

Table 3.—Northern District Chinook salmon runs in number of fish, by section, 1962–2022.

Year		Cinder River Section	Outer Port Heiden Section ^a	Inner Port Heiden Section	Three Hills and Ilnik Sections	Bear River Section	Port Moller Bight and Herendeen-Moller Bay Sections	Nelson Lagoon Section ^b	Caribou Flats and Black Hills Sections	Northern District totals
1962	Catch	0	0	400	0	500	700	3,700	0	5,300
	Escapement ^c	0	0	1,100	0	500	0	2,700	100	4,400
	Total	0	0	1,500	0	1,000	700	6,400	100	9,700
1963	Catch	0	0	0	0	600	200	2,500	0	3,300
	Escapement ^c	0	0	100	0	200	0	4,000	1,900	6,200
	Total	0	0	100	0	800	200	6,500	1,900	9,500
1964	Catch	0	0	0	100	300	0	3,300	0	3,700
	Escapement ^c	5,800	0	4,200	500	3,000	0	8,400	4,000	25,900
	Total	5,800	0	4,200	600	3,300	0	11,700	4,000	29,600
1965	Catch	0	0	1,900	300	100	0	4,000	0	6,300
	Escapement ^c	700	0	1,000	0	5,400	0	11,900	3,000	22,000
	Total	700	0	2,900	300	5,500	0	15,900	3,000	28,300
1966	Catch	0	0	700	0	100	0	2,400	0	3,200
	Escapement ^c	0	0	1,300	0	300	0	4,700	1,900	8,200
	Total	0	0	2,000	0	400	0	7,100	1,900	11,400
1967	Catch	0	0	1,400	0	100	400	3,600	0	5,500
	Escapement ^c	800	0	500	300	3,000	0	5,100	1,300	11,000
	Total	800	0	1,900	300	3,100	400	8,700	1,300	16,500
1968	Catch	0	0	1,000	100	300	1,300	2,800	0	5,500
	Escapement ^c	300	0	1,100	0	2,600	0	7,300	2,700	14,000
	Total	300	0	2,100	100	2,900	1,300	10,100	2,700	19,500
1969	Catch	0	0	1,400	0	500	500	2,500	0	4,900
	Escapement ^c	800	0	1,100	0	1,000	0	8,100	1,600	12,600
	Total	800	0	2,500	0	1,500	500	10,600	1,600	17,500

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Table 3.—Page 2 of 8.

Year		Cinder River Section	Outer Port Heiden Section ^a	Inner Port Heiden Section	Three Hills and Ilnik Sections	Bear River Section	Port Moller Bight and Herendeen- Moller Bay Sections	Nelson Lagoon Section ^b	Caribou Flats and Black Hills Sections	Northern District totals
1970	Catch	0	0	0	22	800	420	2,587	0	3,829
	Escapement ^c	200	0	300	300	1,000	0	2,900	2,000	6,700
	Total	200	0	300	322	1,800	420	5,487	2,000	10,529
1971	Catch	0	0	0	112	315	370	1,390	0	2,187
	Escapement ^c	100	0	100	200	800	0	2,300	1,500	5,000
	Total	100	0	100	312	1,115	370	3,690	1,500	7,187
1972	Catch	0	0	0	61	208	227	1,294	0	1,790
	Escapement ^c	700	0	1,600	0	100	0	1,400	1,000	4,800
	Total	700	0	1,600	61	308	227	2,694	1,000	6,590
1973	Catch	0	0	0	47	672	341	1,503	0	2,563
	Escapement ^c	600	0	600	0	100	0	1,500	800	3,600
	Total	600	0	600	47	772	341	3,003	800	6,163
1974	Catch	0	0	0	43	296	142	2,225	0	2,706
	Escapement ^c	500	0	700	0	300	0	1,100	400	3,000
	Total	500	0	700	43	596	142	3,325	400	5,706
1975	Catch	0	0	376	21	292	201	1,203	0	2,093
	Escapement ^c	100	0	900	0	700	0	2,500	400	4,600
	Total	100	0	1,276	21	992	201	3,703	400	6,693
1976	Catch	0	0	1,496	93	537	592	2,220	0	4,938
	Escapement ^c	1,600	0	200	0	500	0	3,300	400	6,000
	Total	1,600	0	1,696	93	1,037	592	5,520	400	10,938
1977	Catch	1	0	2,494	75	673	509	1,734	0	5,486
	Escapement ^c	100	0	700	0	0	0	5,600	700	7,100
	Total	101	0	3,194	75	673	509	7,334	700	12,586
1978	Catch	0	0	8,740	41	643	745	3,350	0	13,519
	Escapement ^c	1,100	0	4,200	0	200	0	4,200	4,000	13,700
	Total	1,100	0	12,940	41	843	745	7,550	4,000	27,219

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Table 3.–Page 3 of 8.

Year		Cinder River Section	Outer Port Heiden Section ^a	Inner Port Heiden Section	Three Hills and Ilnik Sections	Bear River Section	Port Moller Bight and Herendeen-Moller Bay Sections	Nelson Lagoon Section ^b	Caribou Flats and Black Hills Sections	Northern District totals
1979	Catch	0	0	8,346	11	1,420	523	5,399	0	15,699
	Escapement ^c	300	0	3,200	0	0	0	11,000	1,500	16,000
	Total	300	0	11,546	11	1,420	523	16,399	1,500	31,699
1980	Catch	1	0	5,242	136	1,663	873	8,706	0	16,621
	Escapement ^c	3,000	0	1,600	0	100	0	5,500	800	11,000
	Total	3,001	0	6,842	136	1,763	873	14,206	800	27,621
1981	Catch	0	0	5,595	23	1,667	106	10,981	0	18,372
	Escapement ^c	3,000	0	1,000	0	2,300	0	5,200	900	12,400
	Total	3,000	0	6,595	23	3,967	106	16,181	900	30,772
1982	Catch	5	0	10,950	904	2,736	650	13,337	1,175	29,757
	Escapement ^c	2,500	0	7,500	0	900	0	7,000	2100	20,000
	Total	2,505	0	18,450	904	3,636	650	20,337	3,275	49,757
1983	Catch	1	0	6,408	933	8,474	679	12,055	433	28,983
	Escapement ^c	7,200	0	900	0	1,500	0	12,500	3,600	25,700
	Total	7,201	0	7,308	933	9,974	679	24,555	4,033	54,683
1984	Catch	0	0	6,394	1,301	5,807	547	7,801	863	22,713
	Escapement ^c	400	0	7,400	0	600	0	6,300	3,000	17,700
	Total	400	0	13,794	1,301	6,407	547	14,101	3,863	40,413
1985	Catch	2	0	4,354	1,665	4,729	1,762	10,850	0	23,362
	Escapement ^c	700	0	4,700	0	1,200	0	3,200	3,200	13,000
	Total	702	0	9,054	1,665	5,929	1,762	14,050	3,200	36,362
1986	Catch	0	1	1,821	1,516	2,942	410	4,849	173	11,712
	Escapement ^c	1,700	0	2,400	0	800	0	1,800	2,100	8,800
	Total	1,700	1	4,221	1,516	3,742	410	6,649	2,273	20,512

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Table 3.–Page 4 of 8.

Year		Cinder River Section	Outer Port Heiden Section ^a	Inner Port Heiden Section	Three Hills and Ilnik Sections	Bear River Section	Port Moller Bight and Herendeen- Moller Bay Sections	Nelson Lagoon Section ^b	Caribou Flats and Black Hills Sections	Northern District totals
1987	Catch	3	0	3,217	873	3,789	321	5,823	100	14,126
	Escapement ^c	900	0	1,400	0	700	0	4,100	3,600	10,700
	Total	903	0	4,617	873	4,489	321	9,923	3,700	24,826
1988	Catch	1	0	5,816	805	3,447	151	6,467	0	16,687
	Escapement ^c	400	0	2,200	200	1,200	0	3,300	3,300	10,600
	Total	401	0	8,016	1,005	4,647	151	9,767	3,300	27,287
1989	Catch	118	1	2,927	490	2,089	243	3,822	985	10,675
	Escapement ^c	200	0	800	0	900	0	3,100	600	5,600
	Total	318	1	3,727	490	2,989	243	6,922	1,585	16,275
1990	Catch	63	0	4,699	545	2,145	126	3,573	1,126	12,277
	Escapement ^c	1,600	0	800	0	1,400	0	2,300	1,000	7,100
	Total	1,663	0	5,499	545	3,545	126	5,873	2,126	19,377
1991	Catch	2	0	3,139	255	1,631	202	3,452	635	9,316
	Escapement ^c	600	0	900	0	700	0	6,800	500	9,500
	Total	602	0	4,039	255	2,331	202	10,252	1,135	18,816
1992	Catch	133	0	5,427	1,366	3,264	114	2,787	21	13,112
	Escapement ^c	300	0	1,400	0	1,000	0	3,000	900	6,600
	Total	433	0	6,827	1,366	4,264	114	5,787	921	19,712
1993	Catch	2,260	0	9,562	345	5,340	79	4,815	1	22,402
	Escapement ^c	700	0	3,200	0	1,800	0	6,000	2,000	13,700
	Total	2,960	0	12,762	345	7,140	79	10,815	2,001	36,102
1994	Catch	2,583	0	8,752	563	2,973	111	3,509	0	18,491
	Escapement ^c	10,500	0	15,100	0	6,200	0	4,800	1,900	38,500
	Total	13,083	0	23,852	563	9,173	111	8,309	1,900	56,991
1995	Catch	335	0	2,261	593	834	11	3,488	8	7,530
	Escapement ^c	9,300	0	7,100	0	3,600	0	3,000	1,300	24,300
	Total	9,635	0	9,361	593	4,434	11	6,488	1,308	31,830

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Table 3.–Page 5 of 8.

Year		Cinder River Section	Outer Port Heiden Section ^a	Inner Port Heiden Section	Three Hills and Ilnik Sections	Bear River Section	Port Moller Bight and Herendeen- Moller Bay Sections	Nelson Lagoon Section ^b	Caribou Flats and Black Hills Sections	Northern District totals
1996	Catch	748	0	8	369	1,298	73	2,308	128	4,932
	Escapement ^c	4,000	0	12,000	0	2,600	0	4,000	3,000	25,600
	Total	4,748	0	12,008	369	3,898	73	6,308	3,128	30,532
1997	Catch	340	0	3,678	1,248	1,880	8	3,164	25	10,343
	Escapement ^c	2,300	0	4,000	0	4,300	0	7,000	1,800	19,400
	Total	2,640	0	7,678	1,248	6,180	8	10,164	1,825	29,743
1998	Catch	410	0	1,342	388	831	43	2,715	153	5,882
	Escapement ^c	2,100	0	3,500	0	2,400	0	5,200	1,800	15,000
	Total	2,510	0	4,842	388	3,231	43	7,915	1,953	20,882
1999	Catch	205	0	279	1,893	408	17	1,925	90	4,817
	Escapement ^c	2,300	0	800	0	2,100	0	4,000	1,700	10,900
	Total	2,505	0	1,079	1,893	2,508	17	5,925	1,790	15,717
2000	Catch	56	0	0	1,308	991	44	1,387	105	3,891
	Escapement ^c	700	0	1,500	0	1,600	0	4,200	1,700	9,700
	Total	756	0	1,500	1,308	2,591	44	5,587	1,805	13,591
2001	Catch	573	0	0	416	963	0	2,164	266	4,382
	Escapement ^c	1,700	0	1,100	100	1,500	0	7,400	1,600	13,400
	Total	2,273	0	1,100	516	2,463	0	9,564	1,866	17,782
2002	Catch	76	0	0	188	2,194	8	1,312	57	3,835
	Escapement ^c	2,300	0	4,500	100	2,800	0	6,900	2,300	18,900
	Total	2,376	0	4,500	288	4,994	8	8,212	2,357	22,735
2003	Catch	0	0	0	312	2,987	0	1,082	162	4,543
	Escapement ^c	350	0	1,200	28	1,500	0	5,500	2,500	11,078
	Total	350	0	1,200	340	4,487	0	6,582	2,662	15,621
2004	Catch	0	0	0	1,951	5,429	0	3,016	4	10,400
	Escapement ^c	4,200	0	8,300	15	7,400	0	7,759	3,200	30,874
	Total	4,200	0	8,300	1,966	12,829	0	10,775	3,204	41,274

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Table 3.–Page 6 of 8.

Year		Cinder River Section	Outer Port Heiden Section ^a	Inner Port Heiden Section	Three Hills and Ilnik Sections	Bear River Section	Port Moller Bight and Herendeen-Moller Bay Sections	Nelson Lagoon Section ^b	Caribou Flats and Black Hills Sections	Northern District totals
2005	Catch	231	0	261	1,706	4,081	0	2,887	24	9,190
	Escapement ^c	4,400	0	13,700	24	5,600	0	4,993	1,900	30,617
	Total	4,631	0	13,961	1,730	9,681	0	7,880	1,924	39,807
2006	Catch	0	0	1,057	2,240	1,312	0	3,020	4	7,633
	Escapement ^c	4,200	0	10,900	57	4,100	0	2,516	10,400	32,173
	Total	4,200	0	11,957	2,297	5,412	0	5,536	10,404	39,806
2007	Catch	0	970	0	4,935	332	0	1,372	0	7,609
	Escapement ^c	8,800	0	4,750	71	1,682	0	2,492	2,890	20,685
	Total	8,800	970	4,750	5,006	2,014	0	3,864	2,890	28,294
2008	Catch	0	168	0	701	13	0	881	30	1,793
	Escapement ^c	12,800	0	11,200	15	2,145	0	5,012	4,900	36,072
	Total	12,800	168	11,200	716	2,158	0	5,893	4,930	37,865
2009	Catch	0	800	0	595	1,194	0	575	23	3,187
	Escapement ^c	4,750	0	3,000	13	1,296	0	2,048	1,700	12,807
	Total	4,750	800	3,000	608	2,490	0	2,623	1,723	15,994
2010	Catch	0	580	0	419	1,361	41	360	6	2,767
	Escapement ^c	1,950	0	1,010	14	544	0	2,769	3,100	9,387
	Total	1,950	580	1,010	433	1,905	41	3,129	3,106	12,154
2011	Catch	0	756	0	570	473	39	499	19	2,356
	Escapement ^c	3,200	0	8,300	0	750	0	1,704	1,300	15,254
	Total	3,200	756	8,300	570	1,223	39	2,203	1,319	17,610
2012	Catch	0	292	0	355	65	0	280	52	1,044
	Escapement ^c	440	0	41	1	1,400	0	1,092	600	3,574
	Total	440	292	41	356	1,465	0	1,372	652	4,618

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Table 3.–Page 7 of 8.

Year		Cinder River Section	Outer Port Heiden Section ^a	Inner Port Heiden Section	Three Hills and Ilnik Sections	Bear River Section	Port Moller Bight and Herendeen-Moller Bay Sections	Nelson Lagoon Section ^b	Caribou Flats and Black Hills Sections	Northern District Totals
2013	Catch	0	50	0	75	55	0	346	37	563
	Escapement ^c	1,100	0	375	0	725	0	1,221	925	4,346
	Total	1,100	50	375	75	780	0	1,567	962	4,909
2014	Catch	0	49	0	76	287	0	454	5	871
	Escapement ^c	325	0	845	0	619	0	4,151	2,650	8,590
	Total	325	49	845	76	906	0	4,605	2,655	9,461
2015	Catch	0	271	0	413	755	0	1,286	68	2,793
	Escapement ^c	1,450	0	2,160	1	1,644	0	3,590	2,700	11,545
	Total	1,450	271	2,160	414	2,399	0	4,876	2,768	14,338
2016	Catch	^d	75	0	485	101	0	1,188	42	1,891
	Escapement ^c	5,450	0	1,275	5	4,541	75	4,618	1,500	17,464
	Total	5,450	75	1,275	490	4,642	75	5,806	1,542	19,355
2017	Catch	^d	374	0	1,644	161	^d	652	11	2,842
	Escapement ^c	1,500	0	1,225	9	2,015	0	1,502	1,375	7,626
	Total	1,500	374	1,225	1,653	2,176	0	2,154	1,386	10,468
2018	Catch	^d	441	0	274	33	^d	902	0	1,650
	Escapement ^c	5,200	0	2,650	15	1,872	0	5,022	1,150	15,909
	Total	5,200	441	2,650	289	1,905	0	5,924	1,150	17,667
2019	Catch	0	499	0	1,387	186	^d	1,799	0	3,871
	Escapement ^c	1,100	0	3,575	30	2,509	0	12,163	1,950	21,327
	Total	1,100	499	3,575	1,417	2,695	^d	13,962	1,950	25,198
2020	Catch	0	321	0	76	43	0	699	0	1,139
	Escapement ^c	3,725	75	2,055	15	1,162	25	2,498	1,200	10,755
	Total	3,725	396	2,055	91	1,205	25	3,197	1,200	11,894

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Table 3.–Page 8 of 8.

Year		Cinder River Section	Outer Port Heiden Section ^a	Inner Port Heiden Section	Three Hills and Ilnik Sections	Bear River Section	Port Moller Bight and Herendeen-Moller Bay Sections	Nelson Lagoon Section	Caribou Flats and Black Hills Sections	Northern District Totals
2021	Catch	0	230	0	760	334	83	398	0	1,805
	Escapement ^c	2,000	150	2,100	183	1,339	0	4,539	1,650	11,961
	Total	2,000	380	2,100	943	1,673	83	4,937	1,650	13,766
2022	Catch	0	95	0	442	8	60	282	0	887
	Escapement ^c	3,125	0	3,575	10	254	0	3,785	1,425	12,174
	Total	3,125	95	3,575	452	262	60	4,067	1,425	13,061
2012–2021 Average										
	Catch	0	260	0	555	202	23	800	22	1,855
	Escapement	2,229	23	1,630	26	1,783	10	4,040	1,570	11,310
	Total	2,229	283	1,630	580	1,985	33	4,840	1,592	13,165

Note: Catch numbers do not include test-fishery harvest or fish retained for personal use.

^a Outer Port Heiden Section was closed between 1990 and 2006.

^b Entire Nelson Lagoon watershed.

^c Escapements are estimated totals.

^d Confidentiality requirements prohibit the release of this information.

Table 4.—Northern District sockeye salmon runs in number of fish, by section, 1962–2022.

Year		Cinder River Section	Outer Port Heiden Section ^a	Inner Port Heiden Section ^b	Ilnik Section	Three Hills Section	Bear River Section ^c	Combined Ilnik, Three Hills, & Bear R. Sections	Port Moller Bight & Herendeen-Moller Bay Sections	Nelson Lagoon Section ^d	Caribou Flats & Black Hills Sections	Northern District totals
1962	Catch	900	0	17,800	9,700	^f	142,900	152,600	0	69,600	0	240,900
	Escapement ^c	5,000	0	19,000	5,900	^f	215,000	220,900	100	54,200	1,000	300,200
	Total	5,900	0	36,800	15,600	^f	357,900	373,500	100	123,800	1,000	541,100
1963	Catch	0	0	0	26,600	^f	120,000	146,600	0	71,500	0	218,100
	Escapement ^c	1,400	0	14,200	10,400	^f	238,600	249,000	100	31,000	1,300	297,000
	Total	1,400	0	14,200	37,000	^f	358,600	395,600	100	102,500	1,300	515,100
1964	Catch	0	0	6,300	33,300	^f	107,500	140,800	0	88,700	0	235,800
	Escapement ^c	1,500	0	10,000	6,500	^f	250,200	256,700	200	80,000	1,500	349,900
	Total	1,500	0	16,300	39,800	^f	357,700	397,500	200	168,700	1,500	585,700
1965	Catch	0	0	9,700	58,400	^f	62,400	120,800	100	53,800	0	184,400
	Escapement ^c	7,500	0	30,000	12,500	^f	137,000	149,500	0	37,000	500	224,500
	Total	7,500	0	39,700	70,900	^f	199,400	270,300	100	90,800	500	408,900
1966	Catch	0	0	8,000	11,000	^f	152,600	163,600	0	60,000	0	231,600
	Escapement ^c	3,000	0	11,700	24,300	^f	185,000	209,300	600	36,500	2,300	263,400
	Total	3,000	0	19,700	35,300	^f	337,600	372,900	600	96,500	2,300	495,000
1967	Catch	0	0	3,100	0	^f	156,100	156,100	12,500	40,200	0	211,900
	Escapement ^c	3,800	0	12,000	26,400	^f	200,000	226,400	200	42,000	500	284,900
	Total	3,800	0	15,100	26,400	^f	356,100	382,500	12,700	82,200	500	496,800
1968	Catch	0	0	0	78,600	^f	90,500	169,100	3,400	51,100	0	223,600
	Escapement ^c	4,100	0	15,000	15,000	^f	166,000	181,000	400	31,000	2,000	233,500
	Total	4,100	0	15,000	93,600	^f	256,500	350,100	3,800	82,100	2,000	457,100
1969	Catch	0	0	5,200	24,000	^f	205,500	229,500	4,400	72,800	0	311,900
	Escapement ^c	3,800	0	15,000	15,600	^f	406,000	421,600	100	78,500	2,500	521,500
	Total	3,800	0	20,200	39,600	^f	611,500	651,100	4,500	151,300	2,500	833,400

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Table 4.—Page 2 of 8.

Year		Cinder River Section	Outer Port Heiden Section ^a	Inner Port Heiden Section ^b	Ilnik Section	Three Hills Section	Bear River Section ^c	Combined Ilnik, Three Hills, & Bear R. Sections	Port Moller Bight & Herendeen- Moller Bay Sections	Nelson Lagoon Section ^d	Caribou Flats & Black Hills Sections	Northern District totals
1970	Catch	0	0	0	21,011	^f	109,209	130,220	1,672	52,043	21	183,956
	Escapement ^c	1,500	0	14,100	15,300	800	294,000	310,100	0	82,400	1,400	409,500
	Total	1,500	0	14,100	36,311	800	403,209	440,320	1,672	134,443	1,421	593,456
1971	Catch	0	0	0	16,153	40,929	238,628	295,710	1,301	47,536	0	344,547
	Escapement ^c	2,000	0	30,800	26,100	400	281,000	307,500	200	60,100	500	401,100
	Total	2,000	0	30,800	42,253	41,329	519,628	603,210	1,501	107,636	500	745,647
1972	Catch	0	0	2	4,478	7,513	136,160	148,151	1,006	23,227	0	172,386
	Escapement ^c	400	0	3,500	13,100	0	135,400	148,500	0	28,000	0	180,400
	Total	400	0	3,502	17,578	7,513	271,560	296,651	1,006	51,227	0	352,786
1973	Catch	0	0	0	0	16,659	117,678	134,337	3,287	23,896	0	161,520
	Escapement ^c	1,200	0	7,200	16,000	0	130,100	146,100	0	18,700	0	173,200
	Total	1,200	0	7,200	16,000	16,659	247,778	280,437	3,287	42,596	0	334,720
1974	Catch	0	0	0	0	46,895	157,457	204,352	7,730	25,611	34	237,727
	Escapement ^c	1,300	0	1,400	14,500	100	266,500	281,100	0	39,900	1,800	325,500
	Total	1,300	0	1,400	14,500	46,995	423,957	485,452	7,730	65,511	1,834	563,227
1975	Catch	0	0	644	411	8,296	165,730	174,437	3,739	51,519	0	230,339
	Escapement ^c	900	0	5,100	40,500	300	310,000	350,800	100	138,600	2,000	497,500
	Total	900	0	5,744	40,911	8,596	475,730	525,237	3,839	190,119	2,000	727,839
1976	Catch	3	0	4,973	11,954	207,765	310,869	530,588	9,912	74,914	0	620,390
	Escapement ^c	6,300	0	30,300	15,100	600	328,000	343,700	500	108,900	7,400	497,100
	Total	6,303	0	35,273	27,054	208,365	638,869	874,288	10,412	183,814	7,400	1,117,490
1977	Catch	8	0	3,416	12,592	85,295	268,676	366,563	11,061	56,314	44	437,406
	Escapement ^c	3,900	0	23,600	20,600	100	265,200	285,900	13,500	155,000	4,100	486,000
	Total	3,908	0	27,016	33,192	85,395	533,876	652,463	24,561	211,314	4,144	923,406

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Table 4.—Page 3 of 8.

Year		Cinder River Section	Outer Port Heiden Section ^a	Inner Port Heiden Section ^b	Ilnik Section	Three Hills Section	Bear River Section ^c	Combined	Port Moller Bight & Herendeen- Moller Bay Sections	Nelson Lagoon Section ^d	Caribou Flats & Black Hills Sections	Northern District totals
								Ilnik, Three Hills, & Bear R. Sections				
1978	Catch	0	0	829	7,457	24,711	556,393	588,561	53,731	213,430	0	856,551
	Escapement ^c	3,800	0	18,800	21,200	0	814,000	835,200	4,900	304,300	1,500	1,168,500
	Total	3,800	0	19,629	28,657	24,711	1,370,393	1,423,761	58,631	517,730	1,500	2,025,051
1979	Catch	140	0	36,940	53,972	140,390	1,320,851	1,515,213	32,121	320,856	0	1,905,270
	Escapement ^c	6,000	0	46,700 ^g	97,200	300	1,013,000	1,110,500	5,000	360,100	3,000	1,531,300
	Total	6,140	0	83,640 ^g	151,172	140,690	2,333,851	2,625,713	37,121	680,956	3,000	3,436,570
1980	Catch	46	0	24,628	121,574	130,653	741,861	994,088	10,460	318,526	0	1,347,748
	Escapement ^c	30,000	0	47,000 ^g	100,000	0	751,000	851,000	1,500	352,600	3,900	1,286,000
	Total	30,046	0	71,628 ^g	221,574	130,653	1,492,861	1,845,088	11,960	671,126	3,900	2,633,748
1981	Catch	24	0	3,847	24,334	44,559	1,327,219	1,396,112	18,610	374,722	0	1,793,315
	Escapement ^c	100,000	0	26,600 ^g	151,000	0	741,500	892,500	600	251,000	4,000 ^g	1,274,700
	Total	100,024	0	30,447 ^g	175,334	44,559	2,068,719	2,288,612	19,210	625,722	4,000 ^g	3,068,015
1982	Catch	0	0	8,782	35,088	107,418	1,009,291	1,151,797	11,336	229,203	419	1,401,537
	Escapement ^c	13,000 ^g	0	62,000 ^g	41,700	1,300	361,300	404,300	500	179,600	6,000	665,400
	Total	13,000 ^g	0	70,782 ^g	76,788	108,718	1,370,591	1,556,097	11,836	408,803	6,419	2,066,937
1983	Catch	71	0	68	390,883	338,730	1,122,976	1,852,589	15,007	192,947	5	2,060,687
	Escapement ^c	9,000	0	8,600	40,000	100	358,000	398,100	500	128,800	2,600	547,600
	Total	9,071	0	8,668	430,883	338,830	1,480,976	2,250,689	15,507	321,747	2,605	2,608,287
1984	Catch	0	0	1,746	409,883	333,832	637,400	1,381,115	31,447	118,756	48	1,533,112
	Escapement ^c	16,000	0	31,100	22,300	0	414,000	436,300	700	251,000	600	735,700
	Total	16,000	0	32,846	432,183	333,832	1,051,400	1,817,415	32,147	369,756	648	2,268,812
1985	Catch	333	0	5,090	508,887	469,267	821,312	1,799,466	4,519	703,546	0	2,512,954
	Escapement ^c	12,600	0	45,500	22,700	0	451,500	474,200	700	314,800	3,700	851,500
	Total	12,933	0	50,590	531,587	469,267	1,272,812	2,273,666	5,219	1,018,346	3,700	3,364,454

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Table 4.—Page 4 of 8.

Year		Cinder River Section	Outer Port Heiden Section ^a	Inner Port Heiden Section ^b	Ilnik Section	Three Hills Section	Bear River Section ^c	Combined	Port Moller Bight & Herendeen- Moller Bay Sections	Nelson Lagoon Section ^d	Caribou Flats & Black Hills Sections	Northern District totals
								Combined Ilnik, Three Hills, & Bear R. Sections				
1986	Catch	3	686	38,042	560,339	588,501	938,177	2,087,017	1,294	178,401	2	2,305,445
	Escapement ^c	25,700	0	26,400	66,800	100	279,400	346,300	300	117,900	2,300	518,900
	Total	25,703	686	64,442	627,139	588,601	1,217,577	2,433,317	1,594	296,301	2,302	2,824,345
1987	Catch	214	0	2,359	506,916	212,435	213,958	933,309	679	128,471	62	1,065,094
	Escapement ^c	15,300	0	28,300	30,700	0	266,700	297,400	700	155,700	8,700	506,100
	Total	15,514	0	30,659	537,616	212,435	480,658	1,230,709	1,379	284,171	8,762	1,571,194
1988	Catch	43	647	9,951	494,616	258,982	494,951	1,248,549	3,850	186,616	0	1,449,656
	Escapement ^c	2,000	0	35,900	26,900	0	347,500	374,400	400	142,500	6,900	562,100
	Total	2,043	647	45,851	521,516	258,982	842,451	1,622,949	4,250	329,116	6,900	2,011,756
1989	Catch	817	2,227	11,365	149,399	599,588	557,100	1,306,087	5,670	324,979	14,266	1,665,411
	Escapement ^c	4,000	0	11,200	16,600	100	487,000	503,700	500	206,800	7,600	733,800
	Total	4,817	2,227	22,565	165,999	599,688	1,044,100	1,809,787	6,170	531,779	21,866	2,399,211
1990	Catch	1,246	0	9,701	753,030	189,870	876,248	1,819,148	4,250	410,417	13,265	2,258,027
	Escapement ^c	14,000	0	26,800	35,700	100	564,300	600,100	400	269,200	5,700	916,200
	Total	15,246	0	36,501	788,730	189,970	1,440,548	2,419,248	4,650	679,617	18,965	3,174,227
1991	Catch	296	0	5,439	610,975	253,880	1,044,660	1,909,515	4,587	273,960	16,382	2,210,179
	Escapement ^c	47,400	0	26,500	135,000	200	681,200	816,400	500 ^g	279,200	9,000	1,179,000
	Total	47,696	0	31,939	745,975	254,080	1,725,860	2,725,915	5,087 ^g	553,160	25,382	3,389,179
1992	Catch	4,472	0	8,023	740,992	959,223	1,398,253	3,098,468	5,911	378,706	878	3,496,458
	Escapement ^c	15,200	0	33,100	45,100	0	471,200	516,300	200	179,700	16,600	761,100
	Total	19,672	0	41,123	786,092	959,223	1,869,453	3,614,768	6,111	558,406	17,478	4,257,558
1993	Catch	8,903	0	518	868,790	411,277	2,041,716	3,321,783	10,045	452,842	4,005	3,798,096
	Escapement ^c	20,000 ^g	0	50,000 ^g	70,000	300	501,900	572,200	400	267,200	10,200	920,000
	Total	28,903	0	50,518 ^g	938,790	411,577	2,543,616	3,893,983	10,445	720,042	14,205	4,718,096

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Table 4.–Page 5 of 8.

Year		Cinder River Section	Outer Port Heiden Section ^a	Inner Port Heiden Section ^b	Ilnik Section	Three Hills Section	Bear River Section ^c	Combined	Port Moller Bight & Herendeen- Moller Bay Sections	Nelson Lagoon Section ^d	Caribou Flats & Black Hills Sections	Northern District totals
								Ilnik, Three Hills, & Bear R. Sections				
1994	Catch	5,197	0	633	838,945	481,600	1,089,249	2,409,794	2,244	329,212	1,202	2,748,282
	Escapement ^c	83,400	0	44,900	75,300	0	581,200	656,500	400	333,400	5,100	1,123,700
	Total	88,597	0	45,533	914,245	481,600	1,670,449	3,066,294	2,644	662,612	6,302	3,871,982
1995	Catch	1,280	0	768	320,473	931,168	1,536,039	2,787,680	5,936	448,281	3,569	3,247,514
	Escapement ^c	47,500	0	85,600	39,000	400	430,400	469,800	2000	338,700	3,700	947,300
	Total	48,780	0	86,368	359,473	931,568	1,966,439	3,257,480	7,936	786,981	7,269	4,194,814
1996	Catch	3,726	0	3,603	612,761	188,556	592,413	1,393,730	1,546	445,335	5,077	1,853,017
	Escapement ^c	60,000 ^g	0	60,000	62,500	0	431,100	493,600	6000	257,000	8,500	885,100
	Total	63,726	0	63,603	675,261	188,556	1,023,513	1,887,330	7,546	702,335	13,577	2,738,117
1997	Catch	8,342	0	2,222	762,638	263,089	642,461	1,668,188	8,693	384,370	20,741	2,092,556
	Escapement ^c	33,000	0	40,000 ^g	83,000	400	398,000	481,400	900	190,100	6,100	751,500
	Total	41,342	0	42,222 ^g	845,638	263,489	1,040,461	2,149,588	9,593	574,470	26,841	2,844,056
1998	Catch	8,321	0	249	470,560	106,856	251,327	828,743	799	161,441	36,684	1,036,237
	Escapement ^c	42,903	0	56,025	50,600	300	469,100	520,000	700	165,300	7,700	792,628
	Total	51,224	0	56,274	521,160	107,156	720,427	1,348,743	1,499	326,741	44,384	1,828,865
1999	Catch	19,004	0	877	617,330	200,239	557,805	1,375,374	2,397	237,293	25,324	1,660,269
	Escapement ^c	14,400	0	75,575	75,000	100	408,000	483,100	2500	223,300	11,300	810,175
	Total	33,404	0	76,452	692,330	200,339	965,805	1,858,474	4,897	460,593	36,624	2,470,444
2000	Catch	7,984	0	68	769,548	403,470	473,631	1,646,649	4,090	193,694	13,951	1,866,436
	Escapement ^c	53,200	0	183,100	95,000	0	275,000	370,000	500	182,700	8,400	797,900
	Total	61,184	0	183,168	864,548	403,470	748,631	2,016,649	4,590	376,394	22,351	2,664,336
2001	Catch	5,482	0	0	205,041	165,878	527,284	898,203	1,975	174,363	16,263	1,096,286
	Escapement ^c	46,239	0	111,700	59,000	300	351,000	410,300	500	207,100	8,600	784,439
	Total	51,721	0	111,700	264,041	166,178	878,284	1,308,503	2,475	381,463	24,863	1,880,725

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Table 4.—Page 6 of 8.

Year		Cinder River Section	Outer Port Heiden Section ^a	Inner Port Heiden Section ^b	Ilnik Section	Three Hills Section	Bear River Section ^c	Combined	Port Moller Bight & Herendeen- Moller Bay Sections	Nelson Lagoon Section ^d	Caribou Flats & Black Hills Sections	Northern District Totals
								Combined Ilnik, Three Hills, & Bear R. Sections				
2002	Catch	1,548	0	111	121,054	251,377	596,270	968,701	1,022	325,904	35,744	1,333,030
	Escapement ^c	10,790	0	38,350	43,000	650	275,000	318,650	1500	338,400	12,000	719,690
	Total	12,338	0	38,461	164,054	252,027	871,270	1,287,351	2,522	664,304	47,744	2,052,720
2003	Catch	2,775	0	0	267,495	238,674	491,857	998,026	44	373,252	40,126	1,414,223
	Escapement ^c	102,700	0	153,600	69,000	300	432,000	501,300	500	364,211	11,100	1,133,411
	Total	105,475	0	153,600	336,495	238,974	923,857	1,499,326	544	737,463	51,226	2,547,634
2004	Catch	0	0	0	1,115,036	63,935	611,147	1,790,118	0	527,637	17,604	2,335,359
	Escapement ^c	58,100	0	103,600	82,000	600	467,000	549,600	2250	515,397	17,900	1,246,847
	Total	58,100	0	103,600	1,197,036	64,535	1,078,147	2,339,718	2,250	1,043,034	35,504	3,582,206
2005	Catch	116	0	1,835	1,370,001	193,621	1,030,989	2,594,611	12	334,702	9,971	2,941,247
	Escapement ^c	133,500	0	111,500	154,000	5,700	655,300	815,000	500	303,000	47,500	1,411,000
	Total	133,616	0	113,335	1,524,001	199,321	1,686,289	3,409,611	512	637,702	57,471	4,352,247
2006	Catch	0	0	1,151	1,317,901	153,343	576,552	2,047,796	0	255,265	8,430	2,312,642
	Escapement ^c	141,100	0	142,610	88,000	1,800	493,000	582,800	3000	226,000	7,530	1,103,040
	Total	141,100	0	143,761	1,405,901	155,143	1,069,552	2,630,596	3,000	481,265	15,960	3,415,682
2007	Catch	0	387,786	842	1,776,430	234,930	617,402	2,628,762	206	337,556	4,273	3,359,425
	Escapement ^c	142,000	0	57,700	93,000	1,500	475,702	570,202	3100	187,000	16,800	976,802
	Total	142,000	387,786	58,542	1,869,430	236,430	1,093,104	3,198,964	3,306	524,556	21,073	4,336,227
2008	Catch	0	320,857	1,574	885,634	123,344	417,261	1,426,239	128	183,330	20,332	1,952,460
	Escapement ^c	129,800	0	91,750	44,300	2,000	353,200	399,500	1,220	178,600	44,000	844,370
	Total	129,800	320,857	93,324	929,934	125,344	770,461	1,825,739	1,348	361,930	64,332	2,796,830
2009	Catch	0	762,643	0	651,624	93,388	652,873	1,397,885	0	214,302	14,712	2,389,542
	Escapement ^c	133,600	0	88,200	66,000	1,600	385,500	453,100	3,000	159,500	8,000	845,400
	Total	133,600	762,643	88,200	717,624	94,988	1,038,373	1,850,985	3,000	373,802	22,712	3,234,942

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Table 4.—Page 7 of 8.

Year		Cinder River Section	Outer Port Heiden Section ^a	Inner Port Heiden Section ^b	Ilnik Section	Three Hills Section	Bear River Section ^c	Combined Ilnik, Three Hills, & Bear R. Sections	Port Moller Bight & Herendeen-Moller Bay Sections	Nelson Lagoon Section ^d	Caribou Flats & Black Hills Sections	Northern District Totals
2010	Catch	0	786,025	236	660,074	51,556	558,702	1,270,332	416	93,715	24,449	2,175,173
	Escapement ^e	108,900	0	68,000	59,000	1,100	406,500	466,600	1,300	157,000	28,500	830,300
	Total	108,900	786,025	68,236	719,074	52,656	965,202	1,736,932	1,716	250,715	52,949	3,005,473
2011	Catch	0	375,128	0	303,064	11,189	120,652	434,905	414	74,808	17,826	903,081
	Escapement ^e	106,000	0	94,200	43,000	1,505	377,500	422,005	800	113,000	10,200	746,205
	Total	106,000	375,128	94,200	346,064	12,694	498,152	856,910	1,214	187,808	28,026	1,649,286
2012	Catch	0	268,226	0	251,794	0	12,912	264,706	0	116,685	57,398	707,015
	Escapement ^e	76,620	0	47,600	61,000	100	316,700	377,800	900	137,800	23,700	664,420
	Total	76,620	268,226	47,600	312,794	100	329,612	642,506	900	254,485	81,098	1,371,435
2013	Catch	15	254,916	0	81,289	16,983	94,335	192,607	0	217,327	32,373	697,238
	Escapement ^e	95,500	0	66,000	51,000	2,800	458,000	511,800	2,500	263,000	9,300	948,100
	Total	95,515	254,916	66,000	132,289	19,783	552,335	704,407	2,500	480,327	41,673	1,645,338
2014	Catch	0	421,166	0	788,361	84,868	400,981	1,274,210	158	210,858	19,173	1,925,565
	Escapement ^e	105,000	0	110,200	63,000	1,900	525,002	589,902	3,000	286,000	14,400	1,108,502
	Total	105,000	421,166	110,200	851,361	86,768	925,983	1,864,112	3,158	496,858	33,573	3,034,067
2015	Catch	0	867,350	0	460,412	522,408	495,409	1,478,229	1,256	312,894	34,342	2,696,613 ^h
	Escapement ^e	132,600	0	149,700	26,000	1,200	631,000	658,200	3,000	335,000	25,000	1,303,500
	Total	132,600	867,350	149,700	486,412	523,608	1,126,409	2,136,429	4,256	647,894	59,342	4,000,113
2016	Catch	ⁱ	632,474	0	2,168,297	57,919	255,837	2,482,053	387	301,786	47,096	3,463,796
	Escapement ^e	205,700	200	117,310	124,000	3,200	607,400	734,600	26,400	363,000	23,600	1,470,810
	Total	205,700	632,674	117,310	2,292,297	61,119	863,237	3,216,653	26,787	664,786	70,696	4,887,510
2017	Catch	ⁱ	502,531	0	2,528,527	89,133	288,927	2,906,587	ⁱ	347,562	15,822	3,772,502
	Escapement ^e	234,800	10	191,745	238,000	3,000	945,000	1,186,000	7,000	430,000	8,300	2,057,855
	Total	234,800	502,541	191,745	2,766,527	92,133	1,233,927	4,092,587	7,000	777,562	24,122	5,830,357

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Table 4.–Page 8 of 8.

Year	Cinder River Section	Outer Port Heiden Section ^a	Inner Port Heiden Section ^b	Ilnik Section	Three Hills Section	Bear River Section ^c	Combined Ilnik, Three Hills, & Bear R. Sections	Port Moller Bight & Herendeen–Moller Bay Sections	Nelson Lagoon Section ^d	Caribou Flats & Black Hills Sections	Northern District Totals	
2018	Catch	ⁱ	356,014	0	1,067,597	361,790	397,206	1,826,593	ⁱ	165,303	2,318	2,350,646 ^h
	Escapement ^c	191,300	0	138,200	81,000	1,900	592,800	675,700	6,100	261,000	10,200	1,282,500
	Total	191,300	356,014	138,200	1,148,597	363,690	990,006	2,502,293	6,100	426,303	12,518	3,633,146
2019	Catch	0	527,343	0	1,529,368	93,776	159,481	1,782,625	ⁱ	83,879	1,318	2,395,165
	Escapement ^c	95,775	0	111,250	75,000	2,200	571,800	649,000	2,300	128,000	18,800	1,005,125
	Total	95,775	527,343	111,250	1,604,368	95,976	731,281	2,431,625	2,300	211,879	20,118	3,400,290
2020	Catch	0	787,771	0	473,393	201,935	191,460	866,788	6,259	92,040	10,687	1,763,545
	Escapement ^c	124,000	900	67,450	41,000	2,300	560,000	670,750	1,800	221,000	10,278	1,096,178
	Total	124,000	788,671	67,450	514,393	204,235	751,460	1,537,538	8,059	313,040	20,965	2,859,723
2021	Catch	0	427,327	0	1,746,203	276,886	246,602	2,269,691	11,842	94,921	1,440	2,805,221
	Escapement ^c	59,400	1,100	118,100	70,211	1,800	633,269	705,280	2,209	166,163	9,100	1,061,352
	Total	59,400	428,427	118,100	1,816,414	278,686	879,871	2,974,971	14,051	261,084	10,540	3,866,573
2022	Catch	0	1,093,611	0	2,086,302	58,341	240,255	2,384,861	11,055	58,499	189	3,548,252
	Escapement ^c	120,900	0	112,900	110,500	0	561,000	671,500	2,030	109,900	12,000	1,029,230
	Total	120,900	1,093,611	112,900	2,196,802	58,341	801,255	3,056,398	13,085	168,399	12,189	4,577,482
2012-2021 average												
	Catch	2	504,512	0	1,109,524	170,570	254,315	1,534,409	2,843	194,326	22,197	2,208,966
	Escapement ^c	132,070	221	111,756	83,021	2,040	584,097	675,903	5,521	259,096	15,268	1,199,834
	Total	132,071	504,733	111,756	1,192,545	172,610	838,412	2,210,312	7,511	453,422	37,465	3,457,565

Note: Catch numbers do not include test-fishery harvest or fish retained for personal use.

^a Outer Port Heiden Section catches occurred only between 1986 and 1989, and from 2007 onward. This section was closed between 1990 and 2006.

^b Inner Port Heiden escapements include Meshik River, Red and Yellow Bluff Creeks, and minimal escapements from Birthday and Charles Creeks.

^c Escapement includes all sockeye systems, mainly Bear and Sandy Rivers combined with post-weir estimates.

^d Nelson Lagoon escapement includes tributaries David's and Caribou Rivers.

^e Escapements are indexed totals except for Bear, Sandy, Ilnik, and Nelson Rivers where weir and tower counts are used.

^f Ilnik Section and Three Hills Section combined.

^g These figures are extrapolated estimates.

^h Aggregates include harvest omitted for confidentiality purposes

ⁱ Confidentiality rules prohibit the release of this information.

Table 5.–Port Moller Bight, Bear River, Three Hills, and Ilnik Sections combined salmon harvest by species and day, 2022.

Catch date	Permits ^a	Landings	Number of fish				
			Chinook	Sockeye	Coho	Pink	Chum
20-Jun ^b	36	51	51	57,866	0	0	48
21-Jun	24	26	45	22,726	0	0	0
22-Jun	52	89	67	147,294	0	0	22
23-Jun	48	60	56	58,518	0	0	10
24-Jun	17	17	14	13,562	0	0	0
25-Jun	35	35	18	18,468	0	0	4
26-Jun	79	103	59	77,401	0	0	13
27-Jun	88	103	37	92,691	0	0	10
28-Jun	53	65	18	64,714	0	1	4
29-Jun	53	58	20	62,715	0	0	3
30-Jun	47	56	11	71,482	0	0	6
1-Jul	72	74	4	76,189	0	1	17
2-Jul ^c	–	–	–	–	–	–	–
3-Jul ^c	–	–	–	–	–	–	–
4-Jul	57	82	4	105,462	0	0	41
5-Jul	52	59	6	60,342	0	0	32
6-Jul	61	77	14	92,348	0	2	36
7-Jul	73	111	5	122,732	0	0	4
8-Jul	116	154	13	241,295	0	0	0
9-Jul	96	117	5	202,617	0	2	80
10-Jul	71	117	2	134,531	0	0	0
11-Jul	59	71	1	83,767	0	1	4
12-Jul	25	34	0	26,956	0	0	0

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Table 5.—Page 2 of 3.

Catch date	Permits ^a	Landings	Number of fish				
			Chinook	Sockeye	Coho	Pink	Chum
13-Jul	68	81	2	51,271	0	0	2
14-Jul	65	66	6	43,314	0	0	61
15-Jul	112	116	7	85,578	4	4	83
16-Jul ^c	—	—	—	—	—	—	—
17-Jul ^c	—	—	—	—	—	—	—
18-Jul	24	25	0	26,318	0	29	107
19-Jul	35	38	0	29,382	0	0	35
20-Jul	23	23	0	17,141	1	0	85
21-Jul	74	79	0	64,840	51	61	248
22-Jul	90	102	3	60,190	37	67	293
23-Jul	54	63	3	17,637	58	583	287
24-Jul	11	11	0	5,584	0	14	122
25-Jul ^c	—	—	—	—	—	—	—
26-Jul	38	40	0	16,572	30	152	199
27-Jul	62	69	0	30,198	64	218	350
28-Jul	34	34	0	6,380	23	81	122
29-Jul	20	20	0	5,462	66	27	49
30-Jul thru 8-Aug ^c	—	—	—	—	—	—	—
9-Aug	23	23	0	5,708	36	279	138
10-Aug	4	5	0	1,990	0	47	38
12-Aug ^d	0	0	0	0	0	0	0
12-Aug ^c	—	—	—	—	—	—	—
13-Aug	23	25	0	8,263	549	2,022	326
14-Aug	17	17	0	6,279	23	438	103
15-Aug	15	16	0	3,851	270	720	170

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Table 5.–Page 3 of 3.

Catch date	Permits ^a	Landings	Number of fish				
			Chinook	Sockeye	Coho	Pink	Chum
16-Aug	23	29	0	10,153	105	1,227	265
17-Aug	17	18	0	4,916	203	858	118
18-Aug	20	25	0	9,181	26	346	114
19-Aug	13	13	1	3,538	27	105	38
20-Aug	20	22	0	5,398	112	120	39
21-Aug	9	14	0	4,111	69	116	12
22-Aug	5	5	0	1,184	26	18	14
23-Aug	20	28	0	8,491	163	196	90
24-Aug	9	9	0	3,275	55	177	31
25-Aug ^d	0	0	0	0	0	0	0
26-Aug ^c	–	–	–	–	–	–	–
27-Aug	4	4	–	1,130	27	46	6
28-Aug ^c	–	–	–	–	–	–	–
29-Aug	4	4	0	2,433	95	12	12
30-Aug	7	8	0	2,903	101	32	26
31-Aug	6	6	0	1,818	119	45	34
29-Aug	18	18	1	8,319	469	58	47
30-Aug	19	19	–	5,019	361	14	9
31-Aug	26	32	–	8,689	822	201	161
1-Sep ^d	0	0	0	0	0	0	0
2-Sep	11	11	0	7,935	276	56	59
3-Sep ^d	0	0	0	0	0	0	0
4-Sep ^c	–	–	–	–	–	–	–
5-Sep ^c	11	12	0	3,265	331	6	12
Total ^f	137	2,659	510	2,395,916	3,064	8,234	4,061

Note: Catch numbers do not include test-fishery harvest or fish retained for personal use.

^a Total permits includes total number of unique permits fished

^b Harvests prior to June 20 are confidential.

^c Confidential.

^d No effort.

^e All harvests after this date are confidential.

^f Aggregates include harvests omitted for confidentiality purposes.

Table 6.—North Peninsula coho salmon harvest in number of fish by district and section, 2012–2022.

Section	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2012–2021 Average
Northwestern District												
Dublin Bay	0	0	0	0	0	0	0	0	0	0	0	0
Urilia Bay	7	0	0	0	0	19	0	0	0	316	0	34
Swanson Lagoon	0	0	0	0	0	0	0	0	0	0	0	0
Bechevin Bay	37	0	0	0	0	0	0	1,417	0	0	0	145
Izembek-Moffet Bay	1,937	25	6,311	599	2,379	124	9,683	3,295	731	649	97	2,573
Northwestern District total	1,981	25	6,311	599	2,379	143	9,683	4,712	731	965	97	2,753
Northern District												
Black Hills	3,929	323	808	239	689	244	0	32	859	115	0	724
Caribou Flats ^a	0	0	0	0	0	0	0	0	0	0	0	0
Nelson Lagoon	31,476	21,734	58,849	41,574	27,312	329	31,058	13,653	18,838	4,994	4,537	24,982
Herendeen–Moller Bay ^b	0	0	2	6	0	^c	0	^c	6	180	0	24
Bear River	0	2,298	9,705	7,617	3,585	957	9,605	6,847	4,795	4,927	1,693	5,034
Three Hills	0	1,162	6,526	2,157	4,715	1,434	19,974	2,590	3,912	1,635	968	4,411
Ilnik	3	1,674	22,167	4,621	34,353	3,450	33,134	13,581	18,606	12,532	403	14,412
Inner Port Heiden	0	0	0	0	0	0	0	0	0	0	0	0
Outer Port Heiden	10	40	8	326	5	98	1,756	1,033	429	42	12	375
Cinder River	0	^c	^c	0	^c	^c	^c	0	0	0	0	0
Northern District total	35,418	27,231	98,065	56,540	70,659	6,512	95,527	37,736	47,445	25,390	7,613	50,052
North Peninsula total	37,399	27,256	104,376	57,139	73,038	6,655	105,210	42,448	48,176	26,355	7,710	52,805

Note: Catch numbers do not include test-fishery harvest or fish retained for personal use.

^a Caribou Flats Section: no open season.

^b Includes Port Moller Bight Section.

^c Confidentiality requirements prevent the release of this information.

Table 7.—Northwestern District pink salmon runs in number of fish, 1962–2022.

Year		Dublin, Uralia, & Bechevin		
		Izembek-Moffet Bay ^a	Bays & Swanson Lagoon ^a	Northwestern District total ^b
1962	Catch	0	30,800	30,800
	Escapement ^c	0	4,000	4,000
	Total	0	34,800	34,800
1963	Catch	0	6,000	6,000
	Escapement ^c	0	4,400	4,400
	Total	0	10,400	10,400
1964	Catch	100	6,700	6,800
	Escapement ^c	0	15,000	15,000
	Total	100	21,700	21,800
1965	Catch	0	2,000	2,000
	Escapement ^c	0	900	900
	Total	0	2,900	2,900
1966	Catch	0	16,000	16,000
	Escapement ^c	400	1,300	1,700
	Total	400	17,300	17,700
1967	Catch	0	300	300
	Escapement ^c	200	500	700
	Total	200	800	1,000
1968	Catch	0	0	0
	Escapement ^c	1,500	25,000	26,500
	Total	1,500	25,000	26,500
1969	Catch	0	0	0
	Escapement ^c	2,300	2,100	4,400
	Total	2,300	2,100	4,400
1970	Catch	9	7,836	7,845
	Escapement ^c	0	11,100	11,100
	Total	9	18,936	18,945
1971	Catch	3	273	276
	Escapement ^c	100	8,400	8,500
	Total	103	8,673	8,776
1972	Catch	16	16	32
	Escapement ^c	0	1,200	1,200
	Total	16	1,216	1,232
1973	Catch	4	30	34
	Escapement ^c	0	200	200
	Total	4	230	234

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Table 7.–Page 2 of 6.

Year		Izembek-Moffet Bay ^a	Dublin, Uralia, & Bechevin Bays & Swanson Lagoon ^a	Northwestern District total ^b
1974	Catch	0	10,306	10,306
	Escapement ^c	0	23,000	23,000
	Total	0	33,306	33,306
1975	Catch	2	7	9
	Escapement ^c	100	500	600
	Total	102	507	609
1976	Catch	50	35	85
	Escapement ^c	100	37,200	37,300
	Total	150	37,235	37,385
1977	Catch	0	0	0
	Escapement ^c	200	6,200	6,400
	Total	200	6,200	6,400
1978	Catch	2,165	465,617	467,782
	Escapement ^c	0	90,400	90,400
	Total	2,165	556,017	558,182
1979	Catch	6	3,371	3,377
	Escapement ^c	0	9,300	9,300
	Total	6	12,671	12,677
1980	Catch	0	297,929	297,929
	Escapement ^c	0	94,000	94,000
	Total	0	391,929	391,929
1981	Catch	0	9,063	9,063
	Escapement ^c	0	5,700	5,700
	Total	0	14,763	14,763
1982	Catch	14	5,071	5,085
	Escapement ^c	200	51,500	51,700
	Total	214	56,571	56,785
1983	Catch	0	593	1,318
	Escapement ^c	0	3,900	3,900
	Total	0	4,493	5,218
1984	Catch	141	9,728	9,869
	Escapement ^c	0	33,000	33,000
	Total	141	42,728	42,869
1985	Catch	8	1,944	1,952
	Escapement ^c	0	1,400	1,400
	Total	8	3,344	3,352

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Table 7.–Page 3 of 6.

Year		Dublin, Urilia, & Bechevin		
		Izembek-Moffet Bay ^a	Bays & Swanson Lagoon ^a	Northwestern District total ^b
1986	Catch	0	9,885	9,885
	Escapement ^c	0	12,900	12,900
	Total	0	22,785	22,785
1987	Catch	7	839	846
	Escapement ^c	0	1,100	1,100
	Total	7	1,939	1,946
1988	Catch	1,152	29,003	30,155
	Escapement ^c	1,800	26,700	28,500
	Total	2,952	55,703	58,655
1989	Catch	0	3,195	3,195
	Escapement ^c	0	1,900	1,900
	Total	0	5,095	5,095
1990	Catch	130	0	130
	Escapement ^c	400	21,800	22,200
	Total	530	21,800	22,330
1991	Catch	7	3,402	3,409
	Escapement ^c	0	1,200	1,200
	Total	7	4,602	4,609
1992	Catch	679	7,637	8,316
	Escapement ^c	600	3	603
	Total	1,279	7,640	8,919
1993	Catch	5	51	56
	Escapement ^c	0	700	700
	Total	5	751	756
1994	Catch	133	188,003	188,136
	Escapement ^c	1,000	93,700	94,700
	Total	1,133	281,703	282,836
1995	Catch	7	1,377	1,384
	Escapement ^c	200	5,000	5,200
	Total	207	6,377	6,584
1996	Catch	587	2,580	3,167
	Escapement ^c	19,200	197,400	216,600
	Total	19,787	199,980	219,767
1997	Catch	32	5,104	5,136
	Escapement ^c	0	4,800	4,800
	Total	32	9,904	9,936

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Table 7.–Page 4 of 6.

Year		Dublin, Uralia, & Bechevin		
		Izembek-Moffet Bay ^a	Bays & Swanson Lagoon ^a	Northwestern District total ^b
1998	Catch	245	15,910	16,155
	Escapement ^c	9,000	120,500	129,500
	Total	9,245	136,410	145,655
1999	Catch	0	1,172	1,172
	Escapement ^c	0	14,500	14,500
	Total	0	15,672	15,672
2000	Catch	14	17,855	17,869
	Escapement ^c	0	35,900	35,900
	Total	14	53,755	53,769
2001	Catch	639	3,518	4,157
	Escapement ^c	400	6,500	6,900
	Total	1,039	10,018	11,057
2002	Catch	971	2,807	3,778
	Escapement ^c	1,200	10,700	11,900
	Total	2,171	13,507	15,678
2003	Catch	591	113	704
	Escapement ^c	0	800	800
	Total	591	913	1,504
2004	Catch	1,328	10,106	11,434
	Escapement ^c	1,000	84,300	85,300
	Total	2,328	94,406	96,734
2005	Catch	1,503	445	1,948
	Escapement ^c	18	8,720	8,738
	Total	1,521	9,165	10,686
2006	Catch	786	56,229	57,015
	Escapement ^c	12,840	116,075	128,915
	Total	13,626	172,304	185,930
2007	Catch	4,713	132,304	137,017
	Escapement ^c	3,850	11,900	15,750
	Total	8,563	144,204	152,767
2008	Catch	2,795	13,746	16,541
	Escapement ^c	0	11,900	11,900
	Total	2,795	25,646	28,441
2009	Catch	343	274,510	274,853
	Escapement ^c	2,400	72,000	74,400
	Total	2,743	346,510	349,253

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Table 7.–Page 5 of 6.

Year		Dublin, Uralia, & Bechevin		
		Izembek-Moffet Bay ^a	Bays & Swanson Lagoon ^a	Northwestern District total ^b
2010	Catch	1,219	5,231	6,450
	Escapement ^c	1,700	13,600	15,300
	Total	2,919	18,831	21,750
2011	Catch	4,466	104,029	108,495
	Escapement ^c	0	2,400	2,400
	Total	4,466	106,429	110,895
2012	Catch	478	416	894
	Escapement ^c	3,300	7,603	10,903
	Total	3,778	8,019	11,797
2013	Catch	165	2,958	3,123
	Escapement ^c	3,300	3,800	7,100
	Total	3,465	6,758	10,223
2014	Catch	1,516	48	1,564
	Escapement ^c	5,300	2,200	7,500
	Total	6,816	2,248	9,064
2015	Catch	6,087	0	6,087
	Escapement ^c	29,500	136,300	165,800
	Total	35,587	136,300	171,887
2016	Catch	1,812	0	1,812
	Escapement ^c	29,500	4,750	34,250
	Total	31,312	4,750	36,062
2017	Catch	2,867	2,126	4,993
	Escapement ^c	62,500	249,215	311,715
	Total	65,367	251,341	316,708
2018	Catch	2,509	0	2,509
	Escapement ^c	8,900	2,200	11,100
	Total	11,409	2,200	13,609
2019	Catch	15,125	445,229	460,354
	Escapement ^c	44,700	157,500	202,200
	Total	59,825	602,729	662,554
2020	Catch	5,051	0	5,051
	Escapement ^c	12,100	34,600	46,700
	Total	17,151	34,600	51,751

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Table 7.–Page 6 of 6.

Year		Izembek-Moffet Bay ^a	Dublin, Urilia, & Bechevin Bays & Swanson Lagoon ^a	Northwestern District total ^b
2021	Catch	7,453	24,468	31,921
	Escapement ^c	13,500	55,800	69,300
	Total	20,953	80,268	101,221
2022	Catch	3,392	649	4,041
	Escapement ^c	5,200	26,600	31,800
	Total	8,592	27,249	35,841
2012–2020 Even-year average ^d				
	Catch	2,273	93	2,366
	Escapement ^c	11,820	10,271	22,091
	Total	14,093	10,363	24,457

Note: Catch numbers do not include test-fishery harvest or fish retained for personal use. Differences in totals may occur between tables due to confidentiality requirements.

^a Statistical area 311-58 was moved from the Bechevin Bay Section to the Izembek-Moffet Bay Section in 2001.

^b Catch numbers include a small harvest from the Dublin Bay Section in 1983, 2006, and 2011.

^c Escapements are estimated totals.

^d Averages include only the even-numbered years 2010, 2012, 2014, 2016, and 2018.

Table 8.—Northern District chum salmon runs in number of fish, by section, 1962–2022.

Year		Cinder River Section	Outer Port Heiden Section	Inner Port Heiden Section	Three Hills & Ilnik Sections	Bear River Section	Port Moller Bight, Herendeen & Moller Bay Sections	Nelson Lagoon Section	Caribou Flats & Black Hills Sections	Northern District totals
1962	Catch	200	0	8,600	600	7,000	0	3,700	0	20,100
	Escapement ^a	500	0	1,900 ^b	1,500 ^b	1,500	18,300	9,700	1,000 ^b	34,400
	Total	700	0	10,500 ^b	2,100 ^b	8,500	18,300	13,400	1,000 ^b	54,500
1963	Catch	0	0	0	700	600	0	4,100	0	5,400
	Escapement ^a	1,200	0	7,400 ^b	1,500 ^b	3,000 ^b	26,000	7,000	1,300 ^b	47,000
	Total	1,200	0	7,400 ^b	2,200 ^b	3,600 ^b	26,000	11,000	1,300 ^b	52,700
1964	Catch	0	0	0	2,300	6,500	39,800	3,400	0	52,000
	Escapement ^a	200	0	1,000	1,500 ^b	3,000	35,900	2,000	1,000 ^b	44,600
	Total	200	0	1,000	3,800 ^b	9,500	75,700	5,400	1,000 ^b	96,600
1965	Catch	0	0	800	2,300	1,500	13,600	2,200	0	20,400
	Escapement ^a	0	0	8,500	1,500 ^b	1,000	8,000	4,000	500 ^b	23,500
	Total	0	0	9,300	3,800 ^b	2,500	21,600	6,200	500 ^b	43,900
1966	Catch	0	0	0	300	3,700	17,900	4,800	0	26,700
	Escapement ^a	4,400	0	3,400 ^b	1,500 ^b	1,000	56,200	17,000	2,000	85,500
	Total	4,400	0	3,400 ^b	1,800 ^b	4,700	74,100	22	2,000	112,200
1967	Catch	0	0	0	0	13,600	2,400	5,100	0	21,100
	Escapement ^a	2,500	0	3,000	9,600	2,500	25,000	29,800	2,000 ^b	74,400
	Total	2,500	0	3,000	9,600	16,100	27,400	34,900	2,000 ^b	95,500
1968	Catch	0	0	0	3,100	7,500	10,500	3,500	0	24,600
	Escapement ^a	0	0	11,000 ^b	0	9,500	47,700	18,100	2,000	88,300
	Total	0	0	11,000 ^b	3,100	17,000	58,200	21,600	2,000	112,900
1969	Catch	0	0	1,200	1,300	10,300	7,800	3,500	0	24,100
	Escapement ^a	2,500	0	11,000 ^b	1,500 ^b	1,000	14,000	13,000	500	43,500
	Total	2,500	0	12,200 ^b	2,800 ^b	11,300	21,800	16,500	500	67,600

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Table 8.—Page 2 of 8.

Year		Cinder River Section	Outer Port Heiden Section	Inner Port Heiden Section	Three Hills & Ilnik Sections	Bear River Section	Port Moller Bight, Herendeen & Moller Bay Sections	Nelson Lagoon Section	Caribou Flats & Black Hills Sections	Northern District totals
1970	Catch	0	0	0	1,165	14,430	12,242	7,664	9	35,510
	Escapement ^a	1,300	0	22,000	500	2,000	42,800	36,000	1,500 ^b	106,100
	Total	1,300	0	22,000	1,665	16,430	55,042	43,664	1,509 ^b	141,610
1971	Catch	0	0	0	2,513	12,980	1,156	3,785	0	20,434
	Escapement ^a	2,500	0	12,100	800	0	14,500	19,000	500 ^b	49,400
	Total	2,500	0	12,100	3,313	12,980	15,656	22,785	500 ^b	69,834
1972	Catch	0	0	35	767	13,956	7,384	3,187	0	25,329
	Escapement ^a	5,300	0	12,200	500	3,700	8,000	16,800	500 ^b	47,000
	Total	5,300	0	12,235	1,267	17,656	15,384	19,987	500 ^b	72,329
1973	Catch	0	0	0	825	34,916	12,173	1,776	0	49,690
	Escapement ^a	600	0	22,800	800	800	3,700	12,700	0	41,400
	Total	600	0	22,800	1,625	35,716	15,873	14,476	0	91,090
1974	Catch	0	0	0	1,302	15,051	3,186	483	14	20,036
	Escapement ^a	4,600	0	4,500	0	1,500	3,700	8,300	400	23,000
	Total	4,600	0	4,500	1,302	16,551	6,886	8,783	414	43,036
1975	Catch	0	0	17	122	3,841	256	657	0	4,893
	Escapement ^a	300	0	1,500	2,000	2,000	7,300	4,500	0	17,600
	Total	300	0	1,517	2,122	5,841	7,556	5,157	0	22,493
1976	Catch	0	0	1,142	2,892	12,300	5,482	5,778	0	27,594
	Escapement ^a	1,900	0	30,700	5,700	18,000	28,500	42,500	100	127,400
	Total	1,900	0	31,842	8,592	30,300	33,982	48,278	100	154,994
1977	Catch	0	0	1,308	7,113	32,259	34,847	10,566	141	86,234
	Escapement ^a	1,700 ^b	0	32,000	1,500 ^b	17,000	108,500	83,300	1,500	245,500
	Total	1,700 ^b	0	33,308	8,613 ^b	49,259	143,347	93,866	1,641	331,734

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Table 8.–Page 3 of 8.

Year		Cinder River Section	Outer Port Heiden Section	Inner Port Heiden Section	Three Hills & Ilnik Sections	Bear River Section	Port Moller Bight, Herendeen & Moller Bay Sections	Nelson Lagoon Section	Caribou Flats & Black Hills Sections	Northern District totals
1978	Catch	0	0	437	1,242	14,594	6,558	10,323	0	33,154
	Escapement ^a	7,400	0	22,000	1,500 ^b	15,500 ^b	89,300	10,200	1,000 ^b	146,900
	Total	7,400	0	22,437	2,742 ^b	30,094 ^b	95,858	20,523	1,000 ^b	180,054
1979	Catch	27	0	776	680	17,379	10,852	5,657	0	35,371
	Escapement ^a	3,600 ^b	0	32,700 ^b	0	7,000	30,600	37,000	4,000	114,900
	Total	3,627 ^b	0	33,476 ^b	680	24,379	41,452	42,657	4,000	150,271
1980	Catch	20	0	2,580	29,773	161,666	58,560	80,086	0	332,685
	Escapement ^a	10,000 ^b	0	33,700 ^b	10,000 ^b	20,000 ^b	116,100	164,000	10,400	364,200
	Total	10,020 ^b	0	36,280 ^b	39,773 ^b	181,666 ^b	174,660	244,086	10,400	696,885
1981	Catch	0	0	227	7,148	154,995	126,188	62,764	0	351,322
	Escapement ^a	11,800 ^b	0	73,400 ^b	11,000 ^b	27,200	85,000	57,000	11,000 ^b	276,400
	Total	11,800 ^b	0	73,627 ^b	18,148 ^b	182,195	211,188	119,764	11,000 ^b	627,722
1982	Catch	0	0	724	21,199	142,439	50,184	21,426	42	236,014
	Escapement ^a	5,500 ^b	0	35,500 ^b	1,000	42,400	152,000	29,100	2,000 ^b	267,500
	Total	5,500 ^b	0	36,224 ^b	22,199	184,839	202,184	50,526	2,042 ^b	503,514
1983	Catch	2	0	0	26,091	87,264	51,333	13,991	0	178,681
	Escapement ^a	17,200	0	14,500	11,200	15,000 ^b	126,000	14,000	1,200	199,100
	Total	17,202	0	14,500	37,291	102,264 ^b	177,333	27,991	1,200	377,781
1984	Catch	0	0	160	174,150	242,329	119,219	78,401	9	614,268
	Escapement ^a	13,000	0	85,000	4,000	7,000	241,300	49,000	10,000	409,300
	Total	13,000	0	85,160	178,150	249,329	360,519	127,401	10,009	1,023,568
1985	Catch	2	0	0	86,644	68,315	261,945	6,583	0	423,489
	Escapement ^a	3,200	0	26,500	200	5,200	71,700	13,000	4,100	123,900
	Total	3,202	0	26,500	86,844	73,515	333,645	19,583	4,100	547,389

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Table 8.—Page 4 of 8.

Year		Cinder River Section	Outer Port Heiden Section	Inner Port Heiden Section	Three Hills & Ilnik Sections	Bear River Section	Port Moller Bight, Herendeen & Moller Bay Sections	Nelson Lagoon Section	Caribou Flats & Black Hills Sections	Northern District totals
1986	Catch	2	55	838	38,678	86,681	27,793	3,606	0	157,653
	Escapement ^a	2,200	0	12,000	0	6,400	55,800	800	700	77,900
	Total	2,202	55	12,838	38,678	93,081	83,593	4,406	700	235,498
1987	Catch	35	0	1,006	47,991	85,533	14,213	6,659	9	155,446
	Escapement ^a	2,400	0	55,400	100	5,000	88,600	5,200	4,700	161,400
	Total	2,435	0	56,406	48,091	90,533	102,813	11,859	4,709	316,846
1988	Catch	0	11	4,800	47,828	73,696	75,821	12,634	0	214,790
	Escapement ^a	5,300	0	41,600	100	3,000	76,500	11,000	6,600	144,100
	Total	5,300	11	46,400	47,928	76,696	152,321	23,634	6,600	358,879
1989	Catch	27	55	1,150	16,919	40,158	66,042	5,018	1,881	131,250
	Escapement ^a	5,000	0	8,900	0	3,500	83,400	800	700	102,300
	Total	5,027	55	10,050	16,919	43,658	149,442	5,818	2,581	233,495
1990	Catch	99	0	269	7,741	26,917	57,534	2,163	818	95,541
	Escapement ^a	4,000	0	7,000	200 ^b	1,100	101,600	1,000 ^b	700	115,600
	Total	4,099	0	7,269	7,941 ^b	28,017	159,134	3,163 ^b	1,518	211,141
1991	Catch	219	0	445	20,807	72,786	23,554	7,374	3,353	128,538
	Escapement ^a	4,500	0	13,400	0	2,400 ^b	55,000	5,000 ^b	1,200	81,500
	Total	4,719	0	13,845	20,807	75,186 ^b	78,554	12,374 ^b	4,553	210,038
1992	Catch	355	0	1,183	29,345	62,229	135,874	7,738	160	236,884
	Escapement ^a	5,000	0	22,100	300	500	89,700	16,200	2,600	136,400
	Total	5,355	0	23,283	29,645	62,729	225,574	23,938	2,760	373,284
1993	Catch	162	0	58	2,400	30,528	47,569	4,533	1,313	86,563
	Escapement ^a	4,000 ^b	0	11,000 ^b	400 ^b	5,700	156,700	4,400	1,200	183,400
	Total	4,162 ^b	0	11,058 ^b	2,800 ^b	36,228	204,269	8,933	2,513	269,963

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Table 8.–Page 5 of 8.

Year		Cinder River Section	Outer Port Heiden Section	Inner Port Heiden Section	Three Hills & Ilnik Sections	Bear River Section	Port Moller Bight, Herendeen & Moller Bay Sections	Nelson Lagoon Section	Caribou Flats & Black Hills Sections	Northern District totals
1994	Catch	43	0	257	12,473	25,834	852	3,984	215	43,658
	Escapement ^a	24,400	0	30,000	300 ^b	4,000	163,600	5,500	3,000	230,800
	Total	24,443	0	30,257	12,773 ^b	29,834	164,452	9,484	3,215	274,458
1995	Catch	50	0	109	28,154	36,937	2,498	4,583	257	72,588
	Escapement ^a	13,900	0	91,800	1,100	2,200	230,600	5,200	3,000	347,800
	Total	13,950	0	91,909	29,254	39,137	233,098	9,783	3,257	420,388
1996	Catch	19	0	517	17,061	34,844	546	6,296	942	60,225
	Escapement ^a	25,000 ^b	0	50,000 ^b	0	4,000	353,200	3,600	600	436,400
	Total	25,019 ^b	0	50,517 ^b	17,061	38,844	353,746	9,896	1,542	496,625
1997	Catch	72	0	5	9,224	31,212	4,454	3,828	2,374	51,169
	Escapement ^a	30,500	0	61,000 ^b	500	5,000	60,200	1,100	2,700	161,000
	Total	30,572	0	61,005 ^b	9,724	36,212	64,654	4,928	5,074	212,169
1998	Catch	993	0	24	5,781	11,731	260	9,085	9,613	37,487
	Escapement ^a	55,000	0	35,900	4,300	24,500	250,800	9,000	900	380,400
	Total	55,993	0	35,924	10,081	36,231	251,060	18,085	10,513	417,887
1999	Catch	19	0	0	11,052	12,493	166	5,093	13,397	42,220
	Escapement ^a	4,900	0	32,000	1,000	5,300	251,600	4,000	700	299,500
	Total	4,919	0	32,000	12,052	17,793	251,766	9,093	14,097	341,720
2000	Catch	0	0	0	37,619	16,533	55	5,255	3,625	63,087
	Escapement ^a	17,800	0	42,100	2,400	7,600	252,000	15,000	2,000	338,900
	Total	17,800	0	42,100	40,019	24,133	252,055	20,255	5,625	401,987
2001	Catch	9	0	0	17,887	16,486	13,518	5,343	8,054	61,297
	Escapement ^a	5,600	0	38,000	2,400	8,000	203,200	26,000	2,700	285,900
	Total	5,609	0	38,000	20,287	24,486	216,718	31,343	10,754	347,197

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Table 8.–Page 6 of 8.

Year		Cinder River Section	Outer Port Heiden Section	Inner Port Heiden Section	Three Hills & Ilnik Sections	Bear River Section	Port Moller Bight, Herendeen & Moller Bay Sections	Nelson Lagoon Section	Caribou Flats & Black Hills Sections	Northern District totals
2002	Catch	0	0	104	6,564	13,452	110	6,849	2,122	29,201
	Escapement ^a	1,000	0	12,800	2,800	9,000	217,500	13,400	6,300	262,800
	Total	1,000	0	12,904	9,364	22,452	217,610	20,249	8,422	292,001
2003	Catch	0	0	0	5,870	5,898	1	7,320	3,089	22,178
	Escapement ^a	7,310	0	33,550	3,100	6,400	153,100	8,300	2,900	214,660
	Total	7,310	0	33,550	8,970	12,298	153,101	15,620	5,989	236,838
2004	Catch	0	0	0	2,278	2,727	0	2,810	665	8,480
	Escapement ^a	1,000	0	44,200	3,400	6,200	72,850	8,700	3,000	139,350
	Total	1,000	0	44,200	5,678	8,927	72,850	11,510	3,665	147,830
2005	Catch	0	0	0	1,602	3,272	0	3,770	271	8,915
	Escapement ^a	0	0	22,000	3,809	10,117	27,000	20,049	20,700	103,675
	Total	0	0	22,000	5,411	13,389	27,000	23,819	20,971	112,590
2006	Catch	0	0	2	46,021	31,780	5,059	7,702	1,766	92,330
	Escapement ^a	33,800	0	124,500	4,103	15,120	188,250	15,100	1,710	382,583
	Total	33,800	0	124,502	50,124	46,900	193,309	22,802	3,476	474,913
2007	Catch	0	7,560	0	38,752	29,508	0	8,123	1,060	85,003
	Escapement ^a	30,500	0	21,200	2,100	9,100	179,150	384	900	243,334
	Total	30,500	7,560	21,200	40,852	38,608	179,150	8,507	1,960	328,337
2008	Catch	0	2,594	0	6,537	3,201	40,722	3,321	16,849	73,224
	Escapement ^a	23,200	0	30,300	7,801	6,187	155,810	3,139	2,100	228,537
	Total	23,200	2,594	30,300	14,338	9,388	196,532	6,460	18,949	301,76
2009	Catch	0	11,261	0	15,081	18,189	0	4,127	3,167	51,825
	Escapement ^a	11,300	1,200	15,600	4,200	2,132	112,400	499	6,800	154,131
	Total	11,300	12,460	15,600	19,281	20,321	112,400	4,626	9,967	205,956

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Table 8.–Page 7 of 8.

Year		Cinder River Section	Outer Port Heiden Section	Inner Port Heiden Section	Three Hills & Ilnik Sections	Bear River Section	Port Moller Bight, Herendeen & Moller Bay Sections	Nelson Lagoon Section	Caribou Flats & Black Hills Sections	Northern District totals
2010	Catch	0	6,313	0	19,078	35,812	45,136	4,931	8,723	119,993
	Escapement ^a	3,500	1,200	9,600	1,900	910	108,600	12,000	7,600	145,310
	Total	3,500	7,513	9,600	20,978	36,722	153,736	16,931	16,323	265,303
2011	Catch	0	8,408	0	11,507	7,606	14,714	2,011	20,138	64,384
	Escapement ^a	15,000	1,300	11,350	3,700	2,133	58,200	2,369	2,900	96,952
	Total	15,000	9,708	11,350	15,207	9,739	72,914	4,380	23,038	161,336
2012	Catch	0	6,334	0	8,444	743	11	5,961	73,941	95,434
	Escapement ^a	3,000	2,700	2,100	1,100	6,618	110,700	6,000	8,200	140,418
	Total	3,000	9,034	2,100	9,544	7,361	110,711	11,961	82,141	235,852
2013	Catch	^c	11,849	0	2,053	1,527	^c	7,210	21,185	44,557 ^d
	Escapement ^a	18,200	2,300	32,100	1,800	7,095	43,600	11,136	21,020	137,251
	Total ^d	18,200	14,149	32,100	3,853	8,622	43,600	18,346	42,205	181,808
2014	Catch	^c	2,390	0	5,778	10,809	982	6,052	7,510	33,521
	Escapement ^a	8,100	0	20,825	2,810	14,251	111,400	15,000	19,200	191,586
	Total	8,100	2,390	20,825	8,588	25,060	112,382	21,052	26,710	225,107
2015	Catch	0	1,297	0	7,104	8,075	85	3,436	16,577	36,574
	Escapement ^a	14,200	5,500	32,100	4,200	6,644	100,850	11,000	14,700	189,194
	Total	14,200	6,797	32,100	11,304	14,719	100,935	14,436	31,277	225,768
2016	Catch	^c	560	0	4,055	4,890	^c	6,967	2,484	18,991 ^d
	Escapement ^a	94,900	2,800	28,200	6,600	22,200	98,300	8,474	16,200	277,674
	Total ^d	94,900	3,360	28,200	10,655	27,090	98,300	15,441	18,684	296,665
2017	Catch	^c	582	0	6,856	6,489	^c	7,674	2,966	24,567
	Escapement ^a	48,900	2,200	64,200	4,500	9,872	71,400	2,568	30,800	234,440
	Total	48,900	2,782	64,200	11,356	16,361	71,400	10,242	33,766	259,007

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Table 8.–Page 8 of 8.

Year		Cinder River Section	Outer Port Heiden Section	Inner Port Heiden Section	Three Hills & Ilnik Sections	Bear River Section	Port Moller Bight, Herendeen & Moller Bay Sections	Nelson Lagoon Section	Caribou Flats & Black Hills Sections	Northern District totals
2018	Catch	^c	12,372	0	24,518	10,380	^c	2,458	1,101	51,644
	Escapement ^a	79,000	900	50,620	3,908	9,139	85,030	912	6,600	236,109
	Total	79,000	13,272	50,620	28,426	19,519	85,030	3,370	7,701	287,753
2019	Catch	0	5,186	0	23,704	14,718	^c	1,178	486	45,272
	Escapement ^a	18,875	115	24,800	2,505	4,985	95,050	1,067	61,000	208,397
	Total	18,875	5,301	24,800	26,209	19,703	95,050	2,245	61,486	253,669
2020	Catch	0	2,399	0	4,944	1,551	^c	34	1,334	10,262
	Escapement ^a	9,800	2,200	61,050	5,700	5,871	68,350	44	5,800	158,815
	Total	9,800	4,599	61,050	10,644	7,422	68,350	78	7,134	169,077
2021	Catch	0	894	0	3,896	1,363	19	544	535	7,251
	Escapement ^a	3,750	250	21,100	5,300	5,063	35,500	593	23,300	94,856
	Total	3,750	1,144	21,100	9,196	6,426	35,519	1,137	23,835	102,107
2022	Catch	0	598	0	2,424	1,535	102	77	2	4,738
	Escapement ^a	18,450	0	44,350	300	4,246	60,600	6,036	29,700	163,882
	Total	18,450	598	44,350	2,724	5,781	60,702	6,613	29,702	168,920
2012–2021 Average										
	Catch	0	4,386	0	9,135	6,055	274	4,151	12,812	36,807
	Escapement ^a	29,873	1,897	33,710	3,842	9,174	82,018	5,679	20,682	186,874
	Total	29,873	6,283	33,710	12,978	15,228	82,128	9,831	33,494	223,681

Note: Catch numbers do not include test fish harvest or fish retained for personal use.

^a Escapements are estimated totals.

^b These figures are extrapolated estimates.

^c Confidentiality requirements prohibit the release of this information.

^d Totals include information not provided due to confidentiality requirements.

Table 9.—Northwestern District chum salmon runs in number of fish, by section, 1962–2022.

Year		Izembek-Moffet Bay Section ^a	Dublin, Bechevin, & Uralia Bays & Swanson Lagoon ^{a,b}	Northwestern District total
1962	Catch	6,200	8,500	14,700
	Escapement ^c	68,000	48,000	116,500
	Total	74,200	57,000	131,200
1963	Catch	3,200	41,300	44,500
	Escapement ^c	133,500	22,300	155,800
	Total	136,700	63,600	200,300
1964	Catch	60,200	25,700	85,900
	Escapement ^c	95,500	16,000	111,500
	Total	155,700	41,700	197,400
1965	Catch	4,700	44,600	49,300
	Escapement ^c	24,000	1,800	25,800
	Total	28,700	46,400	75,100
1966	Catch	8,900	47,200	56,100
	Escapement ^c	54,000	10,000	64,000
	Total	62,900	57,200	120,100
1967	Catch	9,900	8,900	18,800
	Escapement ^c	32,800	15,400	48,200
	Total	42,700	24,300	67,000
1968	Catch	48,800	200	49,000
	Escapement ^c	142,700	19,800	162,500
	Total	191,500	20,000	211,500
1969	Catch	4,500	1,400	5,900
	Escapement ^c	95,300	8,000	103,300
	Total	99,800	9,400	109,200
1970	Catch	10,032	2,447	12,479
	Escapement ^c	58,100	5,600	63,700
	Total	68,132	8,047	76,179
1971	Catch	36,222	7,498	43,720
	Escapement ^c	54,100	5,900	60,000
	Total	90,322	13,398	103,720
1972	Catch	57,884	1,474	59,358
	Escapement ^c	65,800	11,200	77,000
	Total	123,684	12,674	136,358
1973	Catch	96,610	6,473	103,083
	Escapement ^c	68,100	7,500	75,600
	Total	164,710	13,973	178,683

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Table 9.–Page 2 of 6.

Year		Izembek-Moffet Bay Section ^a	Dublin, Bechevin, & Urilia Bays & Swanson Lagoon ^{a,b}	Northwestern District total
1974	Catch	11,302	3,079	14,381
	Escapement ^c	76,000	6,100	82,100
	Total	87,302	9,179	96,481
1975	Catch	3,362	515	3,877
	Escapement ^c	74,300	17,300	91,600
	Total	77,662	17,815	95,477
1976	Catch	38,094	7,901	45,995
	Escapement ^c	127,700	38,300	166,000
	Total	165,794	46,201	211,995
1977	Catch	20,344	22,590	42,934
	Escapement ^c	381,400	54,300	435,700
	Total	401,744	76,890	478,634
1978	Catch	82,316	48,334	130,650
	Escapement ^c	134,100	29,500	163,600
	Total	216,416	77,834	294,250
1979	Catch	17,825	12,515	30,340
	Escapement ^c	178,000	12,400	190,400
	Total	195,825	24,915	220,740
1980	Catch	282,516	84,995	367,511
	Escapement ^c	364,200	41,100	405,300
	Total	646,716	126,095	772,811
1981	Catch	296,440	59,056	355,496
	Escapement ^c	235,000	29,600	264,600
	Total	531,440	88,656	620,096
1982	Catch	57,450	37,669	95,119
	Escapement ^c	166,400	23,800	190,200
	Total	223,850	61,469	285,319
1983	Catch	154,767	13,929	169,626
	Escapement ^c	173,300	20,200	193,500
	Total	328,067	34,129	362,196
1984	Catch	102,692	79,763	182,455
	Escapement ^c	427,500	33,400	460,900
	Total	530,192	113,163	643,355
1985	Catch	126,644	116,483	243,127
	Escapement ^c	194,700	25,700	220,400
	Total	321,344	142,183	463,527

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Table 9.–Page 3 of 6.

Year		Izembek-Moffet Bay Section ^a	Dublin, Bechevin, & Urilia Bays & Swanson Lagoon ^{a,b}	Northwestern District total
1986	Catch	69,118	44,445	113,563
	Escapement ^c	142,400	23,300	165,700
	Total	211,518	67,745	279,263
1987	Catch	148,638	64,612	213,250
	Escapement ^c	286,000	55,500	341,500
	Total	434,638	120,112	554,750
1988	Catch	112,172	66,113	178,285
	Escapement ^c	304,400	51,800	356,200
	Total	416,572	117,913	534,485
1989	Catch	14,458	11,284	25,742
	Escapement ^c	90,600	19,400	110,000
	Total	105,058	30,684	135,742
1990	Catch	23,983	6,589	30,572
	Escapement ^c	92,500	18,400	110,900
	Total	116,483	24,989	141,472
1991	Catch	51,521	11,219	62,740
	Escapement ^c	172,400	49,400	221,800
	Total	223,921	60,619	284,540
1992	Catch	61,671	43,061	104,732
	Escapement ^c	182,200	33,100	215,300
	Total	243,871	76,161	320,032
1993	Catch	23,536	24,858	48,394
	Escapement ^c	172,900	46,100	219,000
	Total	196,436	70,958	267,394
1994	Catch	7,010	33,229	40,239
	Escapement ^c	140,500	108,900	249,400
	Total	147,510	142,129	289,639
1995	Catch	9,078	17,627	26,705
	Escapement ^c	88,300	320,000	408,300
	Total	97,378	337,627	435,005
1996	Catch	1,996	5,735	7,731
	Escapement ^c	278,200	108,500	386,700
	Total	280,196	114,235	394,431
1997	Catch	25,186	21,025	46,211
	Escapement ^c	179,500	47,700	227,200
	Total	204,686	68,725	273,411

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Table 9.–Page 4 of 6.

Year		Izembek-Moffet Bay Section ^a	Dublin, Bechevin, & Urilia Bays & Swanson Lagoon ^{a,b}	Northwestern District total
1998	Catch	13,242	18,787	32,029
	Escapement ^c	281,800	67,300	349,100
	Total	295,042	86,087	381,129
1999	Catch	0	7,900	7,900
	Escapement ^c	310,200	56,600	366,800
	Total	310,200	64,500	374,700
2000	Catch	3,631	26,978	30,609
	Escapement ^c	196,800	52,400	249,200
	Total	200,431	79,378	279,809
2001	Catch	74,419	38,807	113,226
	Escapement ^c	340,800	66,000	406,800
	Total	415,219	104,807	520,026
2002	Catch	13,793	8,046	21,839
	Escapement ^c	367,000	50,100	417,100
	Total	380,793	58,146	438,939
2003	Catch	9,868	6,709	16,577
	Escapement ^c	199,200	36,800	236,000
	Total	209,068	43,509	252,577
2004	Catch	5,353	1,125	6,478
	Escapement ^c	252,200	43,400	295,600
	Total	257,553	44,525	302,078
2005	Catch	27,810	5,807	33,617
	Escapement ^c	131,365	61,600	192,965
	Total	159,175	67,407	226,582
2006	Catch	27,414	11,974	39,388
	Escapement ^c	131,860	61,600	193,460
	Total	159,274	73,574	232,848
2007	Catch	68,310	27,696	96,006
	Escapement ^c	249,500	85,950	335,450
	Total	317,810	113,646	431,456
2008	Catch	79,229	24,911	104,140
	Escapement ^c	182,900	58,850	241,750
	Total	262,129	83,761	345,890
2009	Catch	17,155	37,014	54,169
	Escapement ^c	42,440	42,020	84,460
	Total	59,595	79,034	138,629

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Table 9.–Page 5 of 6.

Year		Izembek-Moffet Bay Section ^a	Dublin, Bechevin, & Uria Bays & Swanson Lagoon ^{a,b}	Northwestern District total
2008	Catch	79,229	24,911	104,140
	Escapement ^c	182,900	58,850	241,750
	Total	262,129	83,761	345,890
2009	Catch	17,155	37,014	54,169
	Escapement ^c	42,440	42,020	84,460
	Total	59,595	79,034	138,629
2010	Catch	125,382	13,688	139,070
	Escapement ^c	113,900	30,200	144,100
	Total	239,282	43,888	283,170
2011	Catch	142,660	86,738	229,398
	Escapement ^c	127,200	24,200	151,400
	Total	269,860	110,938	380,798
2012	Catch	177,270	10,331	187,601
	Escapement ^c	100,150	39,850	140,000
	Total	277,420	50,181	327,601
2013	Catch	77,037	9,345	86,382
	Escapement ^c	51,100	41,700	92,800
	Total	128,137	51,045	179,182
2014	Catch	95,290	24	95,314
	Escapement ^c	42,175	12,350	54,525
	Total	137,465	12,374	149,839
2015	Catch	155,102	0	155,102
	Escapement ^c	60,800	29,000	89,800
	Total	215,902	29,000	244,902
2016	Catch	69,903	0	69,903
	Escapement ^c	74,000	39,250	113,250
	Total	143,903	39,250	183,153
2017	Catch	56,771	892	57,663
	Escapement ^c	104,800	90,900	195,700
	Total	161,571	91,792	253,363
2018	Catch	105,705	0	105,705
	Escapement ^c	99,905	19,855	119,760
	Total	205,610	19,855	225,465

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Table 9.–Page 6 of 6.

Year		Izembek-Moffet Bay Section ^a	Dublin, Bechevin, & Urilia Bays & Swanson Lagoon ^{a,b}	Northwestern District total
2019	Catch	131,357	54,515	185,872
	Escapement ^c	132,100	4,600	136,700
	Total	263,457	59,115	322,572
2020	Catch	43,128	0	43,128
	Escapement ^c	32,100	30,000	62,100
	Total	75,228	30,000	105,228
2021	Catch	9,957	9,070	19,027
	Escapement ^c	17,100	50,950	68,050
	Total	27,057	60,020	87,077
2022	Catch	9,316	41	9,357
	Escapement ^c	32,000	18,900	50,900
	Total	41,316	18,941	60,257
2012–2021 Average				
	Catch	92,152	8,418	100,570
	Escapement ^c	71,423	39,536	110,959
	Total	182,398	54,555	236,953

Note: Catch numbers do not include test-fishery harvest or fish retained for personal use. Differences in totals may occur between tables due to confidentiality requirements.

^a Statistical area 311-58 was moved from the Bechevin Bay Section to the Izembek-Moffet Bay Section in 2001.

^b Catch numbers include a small harvest from the Dublin Bay Section in 1983, 2006, and 2011.

^c Escapements are rounded indexed totals.

Table 10.—Chinook, pink, chum, and coho salmon daily and cumulative escapement counts through the Nelson River weir, 2022.

Date	Daily				Cumulative			
	Chinook	Pink	Chum	Coho	Chinook	Pink	Chum	Coho
14-Jun	25	0	0	0	25	0	0	0
15-Jun	0	0	0	0	25	0	0	0
16-Jun	1	0	0	0	26	0	0	0
17-Jun	9	0	0	0	35	0	0	0
18-Jun	0	0	0	0	35	0	0	0
19-Jun	3	0	0	0	38	0	0	0
20-Jun	1	0	0	0	39	0	0	0
21-Jun	0	0	0	0	39	0	0	0
22-Jun	0	0	0	0	39	0	0	0
23-Jun	120	0	0	0	159	0	0	0
24-Jun	5	0	0	0	164	0	0	0
25-Jun	180	0	0	0	344	0	0	0
26-Jun	77	0	0	0	421	0	0	0
27-Jun	8	0	0	0	429	0	0	0
28-Jun	19	0	0	0	448	0	0	0
29-Jun	150	0	0	0	598	0	0	0
30-Jun	4	0	0	0	602	0	0	0
1-Jul	17	5	0	0	619	5	0	0
2-Jul	32	0	0	0	651	5	0	0
3-Jul	16	0	0	0	667	5	0	0
4-Jul	144	0	0	0	811	5	0	0
5-Jul	390	0	0	0	1,201	5	0	0
6-Jul	11	6	0	0	1,212	11	0	0
7-Jul	21	2	0	0	1,233	13	0	0
8-Jul	30	4	0	0	1,263	17	0	0
9-Jul	19	4	0	0	1,282	21	0	0
10-Jul	85	4	0	0	1,367	25	0	0
11-Jul	149	3	0	0	1,516	28	0	0
12-Jul	6	2	0	0	1,522	30	0	0
13-Jul	24	9	0	0	1,546	39	0	0
14-Jul	34	6	0	0	1,580	45	0	0
15-Jul	70	5	0	0	1,650	50	0	0
16-Jul	236	17	4	0	1,886	67	4	0
17-Jul	96	12	3	0	1,982	79	7	0
18-Jul	18	5	1	0	2,000	84	8	0
19-Jul	1	1	0	0	2,001	85	8	0
20-Jul	8	2	7	0	2,009	87	15	0

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Table 10.—Page 2 of 2

Date	Daily				Cumulative			
	Chinook	Pink	Chum	Coho	Chinook	Pink	Chum	Coho
21-Jul	78	5	26	0	2,087	92	41	0
22-Jul	20	12	32	0	2,107	104	73	0
23-Jul	7	2	5	0	2,114	106	78	0
24-Jul	33	9	4	0	2,147	115	82	0
25-Jul	1	1	1	0	2,148	116	83	0
26-Jul	2	2	2	0	2,150	118	85	0
27-Jul	2	2	1	0	2,152	120	86	0
28-Jul	14	2	4	0	2,166	122	90	0
29-Jul	137	12	51	0	2,303	134	141	0
30-Jul	48	5	25	0	2,351	139	166	0
31-Jul	65	12	69	0	2,416	151	235	0
1-Aug	0	0	0	0	2,416	151	235	0
2-Aug	7	1	4	0	2,423	152	239	0
3-Aug	57	54	339	0	2,480	206	578	0
4-Aug	0	0	0	0	2,480	206	578	0
5-Aug	10	3	22	0	2,490	209	600	0
6-Aug	225	35	404	0	2,715	244	1,004	0
7-Aug	9	32	85	0	2,724	276	1,089	0
8-Aug	62	34	199	0	2,786	310	1,288	0
9-Aug	563	262	1,514	0	3,349	572	2,802	0
10-Aug	95	139	514	0	3,444	711	3,316	0
11-Aug	94	121	697	0	3,538	832	4,013	0
12-Aug	37	105	392	0	3,575	937	4,405	0
13-Aug	11	81	89	0	3,586	1,018	4,494	0
14-Aug	18	94	132	0	3,604	1,112	4,626	0
15-Aug	54	154	249	0	3,658	1,266	4,875	0
16-Aug	41	241	254	6	3,699	1,507	5,129	6
17-Aug	23	129	73	7	3,722	1,636	5,202	13
18-Aug	26	236	197	11	3,748	1,872	5,399	24
19-Aug	37	620	637	31	3,785	2,492	6,036	55

Table 11.—Chinook, pink, chum, and coho salmon daily and cumulative escapement counts through the Bear River weir, 2022.

Date	Daily				Cumulative			
	Chinook	Pink	Chum	Coho	Chinook	Pink	Chum	Coho
3-Jul	0	4	0	0	0	4	0	0
4-Jul	0	5	0	0	0	9	0	0
5-Jul	0	4	0	0	0	13	0	0
6-Jul	0	2	0	0	0	15	0	0
7-Jul	0	2	0	0	0	17	0	0
8-Jul	0	0	0	0	0	17	0	0
9-Jul	0	5	0	0	0	22	0	0
10-Jul	0	2	0	0	0	24	0	0
11-Jul	0	5	0	0	0	29	0	0
12-Jul	0	9	0	0	0	38	0	0
13-Jul	0	4	0	0	0	42	0	0
14-Jul	0	0	0	0	0	42	0	0
15-Jul	0	1	0	0	0	43	0	0
16-Jul	0	6	0	0	0	49	0	0
17-Jul	0	5	0	0	0	54	0	0
18-Jul	0	0	0	0	0	54	0	0
19-Jul	0	28	0	0	0	82	0	0
20-Jul	0	8	0	0	0	90	0	0
21-Jul	0	8	0	0	0	98	0	0
22-Jul	0	12	0	0	0	110	0	0
23-Jul	0	6	0	0	0	116	0	0
24-Jul	0	4	0	0	0	120	0	0
25-Jul	1	12	0	0	1	132	0	0
26-Jul	0	17	0	0	1	149	0	0
27-Jul	0	19	0	0	1	168	0	0
28-Jul	0	17	0	0	1	185	0	0
29-Jul	1	52	0	0	2	237	0	0
30-Jul	0	7	0	0	2	244	0	0
31-Jul	0	2	0	0	2	246	0	0
1-Aug	2	4	0	0	4	250	0	0
2-Aug	0	2	3	0	4	252	3	0
3-Aug	1	5	1	0	5	257	4	0
4-Aug	0	10	0	0	5	267	4	0
5-Aug	1	15	1	0	6	282	5	0
6-Aug	0	7	1	0	6	289	6	0
7-Aug	0	6	2	0	6	295	8	0
8-Aug	0	2	0	0	6	297	8	0
9-Aug	1	20	2	0	7	317	10	0
10-Aug	1	10	0	0	8	327	10	0

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Table 11.–Page 2 of 2.

Date	Daily				Cumulative			
	Chinook	Pink	Chum	Coho	Chinook	Pink	Chum	Coho
11-Aug	1	10	0	0	9	337	10	0
12-Aug	0	6	0	0	9	343	10	0
13-Aug	0	0	0	0	9	343	10	0
14-Aug	0	0	0	0	9	343	10	0
15-Aug	0	0	0	0	9	343	10	0
16-Aug	1	2	2	0	10	345	12	0
17-Aug	1	10	0	0	11	355	12	0
18-Aug	0	2	0	0	11	357	12	0
19-Aug	0	1	0	0	11	358	12	0
20-Aug	5	18	7	0	16	376	19	0
21-Aug	0	6	0	0	16	382	19	0
22-Aug	0	13	0	0	16	395	19	0
23-Aug	1	15	2	0	17	410	21	0
24-Aug	0	19	6	0	17	429	27	0
25-Aug	0	18	6	0	17	447	33	0
26-Aug	0	18	5	0	17	465	38	0

Table 12.—Chinook, pink, chum, and coho salmon daily and cumulative escapement counts through the Sandy River weir, 2022.

Date	Daily				Cumulative			
	Chinook	Pink	Chum	Coho	Chinook	Pink	Chum	Coho
22-Jun	1	0	0	0	1	0	0	0
23-Jun	0	0	0	0	1	0	0	0
24-Jun	3	0	0	0	4	0	0	0
25-Jun	1	0	0	0	5	0	0	0
26-Jun	0	0	0	0	5	0	0	0
27-Jun	1	0	0	0	6	0	0	0
28-Jun	0	0	0	0	6	0	0	0
29-Jun	4	2	0	0	10	2	0	0
30-Jun	0	0	0	0	10	2	0	0
1-Jul	0	1	0	0	10	3	0	0
2-Jul	1	8	0	0	11	11	0	0
3-Jul	1	5	0	0	12	16	0	0
4-Jul	0	3	0	0	12	19	0	0
5-Jul	2	0	0	0	14	19	0	0
6-Jul	5	2	0	0	19	21	0	0
7-Jul	1	4	0	0	20	25	0	0
8-Jul	0	3	0	0	20	28	0	0
9-Jul	3	7	2	0	23	35	2	0
10-Jul	0	2	0	0	23	37	2	0
11-Jul	1	5	0	0	24	42	2	0
12-Jul	2	3	1	0	26	45	3	0
13-Jul	2	1	1	0	28	46	4	0
14-Jul	5	33	1	0	33	79	5	0
15-Jul	1	8	0	0	34	87	5	0
16-Jul	22	41	1	0	56	128	6	0
17-Jul	1	15	1	0	57	143	7	0
18-Jul	1	30	1	0	58	173	8	0
19-Jul	2	15	0	0	60	188	8	0
20-Jul	1	3	0	0	61	191	8	0
21-Jul	0	0	0	0	61	191	8	0
22-Jul	1	12	0	0	62	203	8	0

Table 13.—Chinook, pink, chum, and coho salmon daily and cumulative escapement counts through the Ilnik River weir, 2022.

Date	Daily				Cumulative			
	Chinook	Pink	Chum	Coho	Chinook	Pink	Chum	Coho
15-Jun	1	0	0	0	1	0	0	0
16-Jun	0	0	0	0	1	0	0	0
17-Jun	0	0	0	0	1	0	0	0
18-Jun	0	0	0	0	1	0	0	0
19-Jun	0	0	0	0	1	0	0	0
20-Jun	0	0	0	0	1	0	0	0
21-Jun	1	0	0	0	2	0	0	0
22-Jun	0	0	0	0	2	0	0	0
23-Jun	3	0	0	0	5	0	0	0
24-Jun	0	0	0	0	5	0	0	0
25-Jun	0	0	0	0	5	0	0	0
26-Jun	0	0	0	0	5	0	0	0
27-Jun	1	0	0	0	6	0	0	0
28-Jun	0	0	0	0	6	0	0	0
29-Jun	1	1	0	0	7	1	0	0
30-Jun	0	0	0	0	7	1	0	0
1-Jul	1	0	0	0	8	1	0	0
2-Jul	0	0	0	0	8	1	0	0
3-Jul	0	0	0	0	8	1	0	0
4-Jul	0	0	0	0	8	1	0	0
5-Jul	0	0	0	0	8	1	0	0
6-Jul	0	0	0	0	8	1	0	0
7-Jul	0	0	0	0	8	1	0	0
8-Jul	0	6	0	0	8	7	0	0
9-Jul	0	3	0	0	8	10	0	0
10-Jul	0	2	0	0	8	12	0	0
11-Jul	0	3	0	0	8	15	0	0
12-Jul	0	4	0	0	8	19	0	0
13-Jul	0	3	0	0	8	22	0	0
14-Jul	1	7	0	0	9	29	0	0
15-Jul	1	0	0	0	10	29	0	0
16-Jul	0	0	0	0	10	29	0	0
17-Jul	0	0	0	0	10	29	0	0

Table 14.—Historical North Alaska Peninsula sockeye salmon escapements and escapement goals, 1989–2022.

Year	Nelson River		Bear River		Sandy River		Ilnik River		Meshik River		Cinder River	
	Escapement ^{a,b}	Goal	Escapement ^b	Goal	Escapement ^b	Goal	Escapement ^{b,c}	Goal	Escapement ^{d,e}	Goal	Escapement ^{d,f}	Goal
1989	193,300		451,000						10,520		3,950	
1990	240,700		546,800						26,830		11,850	
1991	268,400		606,000				135,000		26,400		47,400	
1992	162,300		450,000				45,000		33,100		12,500	
1993	207,200		452,000				70,000		50,000		20,000	
1994	325,300		465,000		115,000		75,000		44,900		83,400	
1995	329,400		305,000		125,000		39,000		85,610		47,500	
1996	250,500	100k to 150k	367,000	200k to 250k	64,000		62,000		60,000		60,000	
1997	183,100		360,000		38,000		82,000		40,000	10k to 20k	33,000	6k to 12k
1998	159,800		415,000		52,000		50,000		56,025		42,903	
1999	202,067		350,000		58,000		75,000		75,575		14,400	
2000	182,700		275,000		40,000	40k to 60k	95,000		183,100		53,200	
2001	201,962		300,000		51,000		58,000		111,700		46,239	
2002	315,693		275,000		49,000		43,000		37,650		10,790	
2003	343,511		366,000		66,000		69,000		153,600		102,700	
2004	480,097		435,000		32,000		82,000		103,600		58,100	
2005	303,000		554,000		101,000		154,000	40k to 60k	109,500		133,500	
2006	215,000		445,000		48,000		88,000		140,510		118,100	
2007	180,000		431,000		44,700		93,000		57,600	20k to 60k	142,000	
2008	141,600		321,000		32,200		44,300		89,750		129,800	
2009	157,000		349,500		36,000		66,000		88,200		133,600	
2010	108,000		369,500		37,000		59,000		67,700		108,900	
2011	89,000		340,000		37,500		43,000		94,200		106,000	12k to 48k
2012	103,300	97k to 219k	289,600	293k to 488k	27,100		61,000		47,600	25k to 100k	76,620	
2013	248,000		416,000		42,000	34k to 74k	51,000		65,600		95,500	
2014	250,000		466,000		59,000		59,000		95,500		105,000	
2015	257,000		515,000		116,000		26,000		149,500		132,600	
2016	300,000		433,000		170,000		124,000		116,310		205,700	
2017	381,000		800,000		145,000		238,000		191,725		234,800	
2018	221,000		557,000		35,000		81,000		134,100		191,300	
2019	115,000		500,000		71,000		75,000		107,200	48k to 86k	95,775	36k to 94k
2020	185,000		500,000		60,000		41,000		64,550		124,000	
2021	110,163		580,612		52,657		70,211		117,500		59,400	
2022	98,000		517,000		44,000		110,500		112,700		120,900	
2012–2021 Average	217,046		505,721		77,776		82,621		108,959		132,070	

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Table 14.–Page 2 of 2.

- ^a Does not include David's or Caribou Rivers.
- ^b Escapement is based on weir counts and post-weir escapement estimates. Only those years when weirs were present are included in the table.
- ^c In 2005–2010, 2012–2013, and 2016, the Ocean River did not flow into Ilnik Lagoon. For those years, Ocean River escapements have been added to the Ilnik River weir count.
- ^d Escapements are estimates based on aerial surveys.
- ^e Meshik River escapement includes Red and Yellow Bluff Creeks (tributaries).
- ^f Cinder River escapement includes Mud Creek (a tributary).

Table 15.–Sockeye salmon daily and cumulative escapement counts through the Nelson River weir, 2022.

Date	Daily			Daily percent		Cumulative			Cumulative percent	
	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total	Adults	Jacks
4-Jun	0	0	0	—	—	0	0	0	0.0%	0.0%
5-Jun	0	0	0	—	—	0	0	0	0.0%	0.0%
6-Jun	0	0	0	—	—	0	0	0	0.0%	0.0%
7-Jun	0	0	0	—	—	0	0	0	0.0%	0.0%
8-Jun	0	0	0	—	—	0	0	0	0.0%	0.0%
9-Jun	0	0	0	—	—	0	0	0	0.0%	0.0%
10-Jun	0	0	0	—	—	0	0	0	0.0%	0.0%
11-Jun	0	0	0	—	—	0	0	0	0.0%	0.0%
12-Jun	0	0	0	—	—	0	0	0	0.0%	0.0%
13-Jun	0	0	0	—	—	0	0	0	0.0%	0.0%
14-Jun	53	0	53	100.0%	0.0%	53	0	53	100.0%	0.0%
15-Jun	0	0	0	—	—	53	0	53	100.0%	0.0%
16-Jun	5	12	17	29.4%	70.6%	58	12	70	82.9%	17.1%
17-Jun	11	0	11	100.0%	0.0%	69	12	81	85.2%	14.8%
18-Jun	0	0	0	—	—	69	12	81	85.2%	14.8%
19-Jun	0	0	0	—	—	69	12	81	85.2%	14.8%
20-Jun	0	2	2	0.0%	100.0%	69	14	83	83.1%	16.9%
21-Jun	0	0	0	—	—	69	14	83	83.1%	16.9%
22-Jun	0	4	4	0.0%	100.0%	69	18	87	79.3%	20.7%
23-Jun	290	115	405	71.6%	28.4%	359	133	492	73.0%	27.0%
24-Jun	227	10	237	95.8%	4.2%	586	143	729	80.4%	19.6%
25-Jun	1,152	2	1,154	99.8%	0.2%	1,738	145	1,883	92.3%	7.7%
26-Jun	1,585	49	1,634	97.0%	3.0%	3,323	194	3,517	94.5%	5.5%
27-Jun	531	37	568	93.5%	6.5%	3,854	231	4,085	94.3%	5.7%
28-Jun	823	67	890	92.5%	7.5%	4,677	298	4,975	94.0%	6.0%
29-Jun	1,636	223	1,859	88.0%	12.0%	6,313	521	6,834	92.4%	7.6%
30-Jun	322	71	393	81.9%	18.1%	6,635	592	7,227	91.8%	8.2%
1-Jul	1,178	222	1,400	84.1%	15.9%	7,813	814	8,627	90.6%	9.4%
2-Jul	721	118	839	85.9%	14.1%	8,534	932	9,466	90.2%	9.8%
3-Jul	1,527	253	1,780	85.8%	14.2%	10,061	1,185	11,246	89.5%	10.5%

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Table 15.–Page 2 of 3.

Date	Daily			Daily percent		Cumulative			Cumulative percent	
	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total	Adults	Jacks
4-Jul	2,345	426	2,771	84.6%	15.4%	12,406	1,611	14,017	88.5%	11.5%
5-Jul	2,533	533	3,066	82.6%	17.4%	14,939	2,144	17,083	87.4%	12.6%
6-Jul	810	372	1,182	68.5%	31.5%	15,749	2,516	18,265	86.2%	13.8%
7-Jul	1,034	245	1,279	80.8%	19.2%	16,783	2,761	19,544	85.9%	14.1%
8-Jul	2,516	1,059	3,575	70.4%	29.6%	19,299	3,820	23,119	83.5%	16.5%
9-Jul	2,063	603	2,666	77.4%	22.6%	21,362	4,423	25,785	82.8%	17.2%
10-Jul	3,630	930	4,560	79.6%	20.4%	24,992	5,353	30,345	82.4%	17.6%
11-Jul	3,757	792	4,549	82.6%	17.4%	28,749	6,145	34,894	82.4%	17.6%
12-Jul	1,078	216	1,294	83.3%	16.7%	29,827	6,361	36,188	82.4%	17.6%
13-Jul	3,468	558	4,026	86.1%	13.9%	33,295	6,919	40,214	82.8%	17.2%
14-Jul	3,083	977	4,060	75.9%	24.1%	36,378	7,896	44,274	82.2%	17.8%
15-Jul	2,999	744	3,743	80.1%	19.9%	39,377	8,640	48,017	82.0%	18.0%
16-Jul	4,782	462	5,244	91.2%	8.8%	44,159	9,102	53,261	82.9%	17.1%
17-Jul	3,601	502	4,103	87.8%	12.2%	47,760	9,604	57,364	83.3%	16.7%
18-Jul	2,394	477	2,871	83.4%	16.6%	50,154	10,081	60,235	83.3%	16.7%
19-Jul	860	120	980	87.8%	12.2%	51,014	10,201	61,215	83.3%	16.7%
20-Jul	1,596	100	1,696	94.1%	5.9%	52,610	10,301	62,911	83.6%	16.4%
21-Jul	4,594	433	5,027	91.4%	8.6%	57,204	10,734	67,938	84.2%	15.8%
22-Jul	1,801	185	1,986	90.7%	9.3%	59,005	10,919	69,924	84.4%	15.6%
23-Jul	813	70	883	92.1%	7.9%	59,818	10,989	70,807	84.5%	15.5%
24-Jul	1,411	120	1,531	92.2%	7.8%	61,229	11,109	72,338	84.6%	15.4%
25-Jul	337	49	386	87.3%	12.7%	61,566	11,158	72,724	84.7%	15.3%
26-Jul	477	93	570	83.7%	16.3%	62,043	11,251	73,294	84.6%	15.4%
27-Jul	446	38	484	92.1%	7.9%	62,489	11,289	73,778	84.7%	15.3%
28-Jul	730	67	797	91.6%	8.4%	63,219	11,356	74,575	84.8%	15.2%
29-Jul	1,982	53	2,035	97.4%	2.6%	65,201	11,409	76,610	85.1%	14.9%
30-Jul	801	38	839	95.5%	4.5%	66,002	11,447	77,449	85.2%	14.8%
31-Jul	916	33	949	96.5%	3.5%	66,918	11,480	78,398	85.4%	14.6%
1-Aug	3	0	3	100.0%	0.0%	66,921	11,480	78,401	85.4%	14.6%
2-Aug	54	0	54	100.0%	0.0%	66,975	11,480	78,455	85.4%	14.6%

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Table 15.–Page 3 of 3.

Date	Daily			Daily Percent		Cumulative			Cumulative Percent	
	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total	Adults	Jacks
3-Aug	1,919	68	1,987	96.6%	3.4%	68,894	11,548	80,442	85.6%	14.4%
4-Aug	14	0	14	100.0%	0.0%	68,908	11,548	80,456	85.6%	14.4%
5-Aug	104	2	106	98.1%	1.9%	69,012	11,550	80,562	85.7%	14.3%
6-Aug	1,222	20	1,242	98.4%	1.6%	70,234	11,570	81,804	85.9%	14.1%
7-Aug	313	5	318	98.4%	1.6%	70,547	11,575	82,122	85.9%	14.1%
8-Aug	413	8	421	98.1%	1.9%	70,960	11,583	82,543	86.0%	14.0%
9-Aug	3,010	66	3,076	97.9%	2.1%	73,970	11,649	85,619	86.4%	13.6%
10-Aug	1,879	33	1,912	98.3%	1.7%	75,849	11,682	87,531	86.7%	13.3%
11-Aug	1,072	17	1,089	98.4%	1.6%	76,921	11,699	88,620	86.8%	13.2%
12-Aug	878	15	893	98.3%	1.7%	77,799	11,714	89,513	86.9%	13.1%
13-Aug	442	15	457	96.7%	3.3%	78,241	11,729	89,970	87.0%	13.0%
14-Aug	438	7	445	98.4%	1.6%	78,679	11,736	90,415	87.0%	13.0%
15-Aug	986	16	1,002	98.4%	1.6%	79,665	11,752	91,417	87.1%	12.9%
16-Aug	1,090	17	1,107	98.5%	1.5%	80,755	11,769	92,524	87.3%	12.7%
17-Aug	481	12	493	97.6%	2.4%	81,236	11,781	93,017	87.3%	12.7%
18-Aug	494	11	505	97.8%	2.2%	81,730	11,792	93,522	87.4%	12.6%
19-Aug ^a	1,135	20	1,155	98.3%	1.7%	82,865	11,812	94,677	87.5%	12.5%
Total	82,865	11,812	94,677							
Post-weir escapement estimate			3,323 ^b							
Estimated total sockeye escapement			98,000							

Note: "Jacks" are defined as sockeye salmon less than 400 mm. En dashes indicate no calculation was made because there was no daily escapement.

^a Weir removed the following day.

^b Post-weir escapement estimates were determined using aerial surveys, commercial fishery performance, run timing indicators, effort levels, and weather conditions to provide a reasonable estimate of escapement levels after weir was removed.

Table 16.—Bear River sockeye salmon early- and late-run escapement, late-run commercial catch, and late-run total by year, 1989–2022.

Year	Early-run escapement ^a	Late-run escapement ^b	Late-run catch ^c	Late-run total ^d
1989	246,196	204,804	324,994	529,798
1990	283,854	262,946	635,780	898,726
1991	432,087	173,913	634,393	808,306
1992	254,170	195,830	636,231	832,061
1993	254,012	197,988	761,993	959,981
1994	260,559	204,441	791,466	995,907
1995	197,039	107,961	1,150,246	1,258,207
1996	247,371	119,629	399,086	518,715
1997	214,689	145,311	399,917	545,228
1998	221,580	193,420	296,518	489,938
1999	222,110	127,890	637,917	765,807
2000	184,053	90,947	619,264	710,211
2001	177,495	122,505	353,358	475,863
2002	179,480	95,520	298,895	394,415
2003	226,201	139,799	192,067	331,866
2004	354,565	80,435	4,947	85,382
2005	332,248	221,752	423,762	645,514
2006	262,995	182,005	360,792	542,797
2007	206,233	224,767	718,983	943,750
2008	125,526	195,474	674,856	870,330
2009	216,237	133,263	324,650	457,913
2010	226,534	142,966	298,062	441,028
2011	207,451	132,549	75,234	207,783
2012	173,158	116,442	0 ^e	116,442
2013	219,074	196,926	100,485	297,411
2014	259,046	206,954	260,929	467,883
2015	302,731	212,269	362,482	574,751
2016	293,280	139,720	193,595	333,315
2017	570,840	229,160	113,831	342,991
2018	324,093	232,907	549,783	782,690
2019	294,727	205,273	233,390	438,663
2020	299,198	200,802	167,932	368,734
2021	387,240	193,372	183,192	376,564
2022	365,699	151,301	100,023	251,324
2012–2021 Average	312,339	193,383	216,562	409,944

Note: Catch numbers do not include test-fish harvest or fish retained for personal use.

^a Bear River escapement prior to August 1.

^b Bear River escapement post-July 31, including post-weir estimate.

^c Commercial catch from Port Moller Bight to Strogonof Point, post-July 31.

^d Bear River escapement with post-weir estimate, and Port Moller to Strogonof Point catch, post-July 31.

^e No fishery on Bear River late run due to low escapement.

Table 17.—Sockeye salmon daily and cumulative escapement counts through the Bear River weir, 2022.

Date	Daily			Daily percent		Cumulative			Cumulative percent	
	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total	Adults	Jacks
28-May	0	0	0	0.0%	0.0%	0	0	0	0.0%	0.0%
29-May	1	0	1	100.0%	0.0%	1	0	1	100.0%	0.0%
30-May	0	0	0	0.0%	0.0%	1	0	1	100.0%	0.0%
31-May	5	0	5	100.0%	0.0%	6	0	6	100.0%	0.0%
1-Jun	1	0	1	100.0%	0.0%	7	0	7	100.0%	0.0%
2-Jun	5	0	5	100.0%	0.0%	12	0	12	100.0%	0.0%
3-Jun	3	0	3	100.0%	0.0%	15	0	15	100.0%	0.0%
4-Jun	16	0	16	100.0%	0.0%	31	0	31	100.0%	0.0%
5-Jun	47	0	47	100.0%	0.0%	78	0	78	100.0%	0.0%
6-Jun	19	0	19	100.0%	0.0%	97	0	97	100.0%	0.0%
7-Jun	25	0	25	100.0%	0.0%	122	0	122	100.0%	0.0%
8-Jun	97	0	97	100.0%	0.0%	219	0	219	100.0%	0.0%
9-Jun	93	0	93	100.0%	0.0%	312	0	312	100.0%	0.0%
10-Jun	208	1	209	99.5%	0.5%	520	1	521	99.8%	0.2%
11-Jun	416	5	421	98.8%	1.2%	936	6	942	99.4%	0.6%
12-Jun	580	3	583	99.5%	0.5%	1,516	9	1,525	99.4%	0.6%
13-Jun	695	3	698	99.6%	0.4%	2,211	12	2,223	99.5%	0.5%
14-Jun	1,051	9	1,060	99.2%	0.8%	3,262	21	3,283	99.4%	0.6%
15-Jun	1,130	1	1,131	99.9%	0.1%	4,392	22	4,414	99.5%	0.5%
16-Jun	672	1	673	99.9%	0.1%	5,064	23	5,087	99.5%	0.5%
17-Jun	2,226	2	2,228	99.9%	0.1%	7,290	25	7,315	99.7%	0.3%
18-Jun	652	1	653	99.8%	0.2%	7,942	26	7,968	99.7%	0.3%
19-Jun	1,015	0	1,015	100.0%	0.0%	8,957	26	8,983	99.7%	0.3%
20-Jun	6,227	2	6,229	100.0%	0.0%	15,184	28	15,212	99.8%	0.2%
21-Jun	6,058	4	6,062	99.9%	0.1%	21,242	32	21,274	99.8%	0.2%
22-Jun	7,667	9	7,676	99.9%	0.1%	28,909	41	28,950	99.9%	0.1%
23-Jun	5,103	4	5,107	99.9%	0.1%	34,012	45	34,057	99.9%	0.1%
24-Jun	8,205	6	8,211	99.9%	0.1%	42,217	51	42,268	99.9%	0.1%
25-Jun	8,604	0	8,604	100.0%	0.0%	50,821	51	50,872	99.9%	0.1%
26-Jun	2,799	0	2,799	100.0%	0.0%	53,620	51	53,671	99.9%	0.1%
27-Jun	298	0	298	100.0%	0.0%	53,918	51	53,969	99.9%	0.1%

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Table 17.—Page 2 of 3.

Date	Daily			Daily percent		Cumulative			Cumulative percent	
	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total	Adults	Jacks
28-Jun	1,773	5	1,778	99.7%	0.3%	55,691	56	55,747	99.9%	0.1%
29-Jun	6,293	12	6,305	99.8%	0.2%	61,984	68	62,052	99.9%	0.1%
30-Jun	5,169	1	5,170	100.0%	0.0%	67,153	69	67,222	99.9%	0.1%
1-Jul	668	3	671	99.6%	0.4%	67,821	72	67,893	99.9%	0.1%
2-Jul	2,112	10	2,122	99.5%	0.5%	69,933	82	70,015	99.9%	0.1%
3-Jul	17,428	132	17,560	99.2%	0.8%	87,361	214	87,575	99.8%	0.2%
4-Jul	18,267	119	18,386	99.4%	0.6%	105,628	333	105,961	99.7%	0.3%
5-Jul	15,814	81	15,895	99.5%	0.5%	121,442	414	121,856	99.7%	0.3%
6-Jul	18,014	131	18,145	99.3%	0.7%	139,456	545	140,001	99.6%	0.4%
7-Jul	15,174	57	15,231	99.6%	0.4%	154,630	602	155,232	99.6%	0.4%
8-Jul	10,590	57	10,647	99.5%	0.5%	165,220	659	165,879	99.6%	0.4%
9-Jul	20,317	90	20,407	99.6%	0.4%	185,537	749	186,286	99.6%	0.4%
10-Jul	12,096	106	12,202	99.1%	0.9%	197,633	855	198,488	99.6%	0.4%
11-Jul	15,616	111	15,727	99.3%	0.7%	213,249	966	214,215	99.5%	0.5%
12-Jul	14,083	166	14,249	98.8%	1.2%	227,332	1,132	228,464	99.5%	0.5%
13-Jul	18,582	185	18,767	99.0%	1.0%	245,914	1,317	247,231	99.5%	0.5%
14-Jul	7,433	162	7,595	97.9%	2.1%	253,347	1,479	254,826	99.4%	0.6%
15-Jul	11,234	130	11,364	98.9%	1.1%	264,581	1,609	266,190	99.4%	0.6%
16-Jul	8,239	145	8,384	98.3%	1.7%	272,820	1,754	274,574	99.4%	0.6%
17-Jul	3,682	97	3,779	97.4%	2.6%	276,502	1,851	278,353	99.3%	0.7%
18-Jul	4,746	93	4,839	98.1%	1.9%	281,248	1,944	283,192	99.3%	0.7%
19-Jul	18,472	114	18,586	99.4%	0.6%	299,720	2,058	301,778	99.3%	0.7%
20-Jul	8,999	78	9,077	99.1%	0.9%	308,719	2,136	310,855	99.3%	0.7%
21-Jul	8,714	116	8,830	98.7%	1.3%	317,433	2,252	319,685	99.3%	0.7%
22-Jul	9,016	88	9,104	99.0%	1.0%	326,449	2,340	328,789	99.3%	0.7%
23-Jul	5,678	89	5,767	98.5%	1.5%	332,127	2,429	334,556	99.3%	0.7%
24-Jul	4,722	74	4,796	98.5%	1.5%	336,849	2,503	339,352	99.3%	0.7%
25-Jul	3,272	75	3,347	97.8%	2.2%	340,121	2,578	342,699	99.2%	0.8%
26-Jul	526	12	538	97.8%	2.2%	340,647	2,590	343,237	99.2%	0.8%
27-Jul	2,101	35	2,136	98.4%	1.6%	342,748	2,625	345,373	99.2%	0.8%
28-Jul	7,775	120	7,895	98.5%	1.5%	350,523	2,745	353,268	99.2%	0.8%
29-Jul	9,656	168	9,824	98.3%	1.7%	360,179	2,913	363,092	99.2%	0.8%
30-Jul	3,765	42	3,807	98.9%	1.1%	363,944	2,955	366,899	99.2%	0.8%

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Table 17.–Page 3 of 3.

Date	Daily			Daily percent		Cumulative			Cumulative percent	
	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total	Adults	Jacks
31-Jul	1,158	15	1,173	98.7%	1.3%	365,102	2,970	368,072	99.2%	0.8%
1-Aug	4,695	34	4,729	99.3%	0.7%	369,797	3,004	372,801	99.2%	0.8%
2-Aug	2,506	48	2,554	98.1%	1.9%	372,303	3,052	375,355	99.2%	0.8%
3-Aug	5,038	79	5,117	98.5%	1.5%	377,341	3,131	380,472	99.2%	0.8%
4-Aug	7,356	84	7,440	98.9%	1.1%	384,697	3,215	387,912	99.2%	0.8%
5-Aug	12,867	151	13,018	98.8%	1.2%	397,564	3,366	400,930	99.2%	0.8%
6-Aug	8,121	118	8,239	98.6%	1.4%	405,685	3,484	409,169	99.1%	0.9%
7-Aug	6,785	80	6,865	98.8%	1.2%	412,470	3,564	416,034	99.1%	0.9%
8-Aug	5,004	122	5,126	97.6%	2.4%	417,474	3,686	421,160	99.1%	0.9%
9-Aug	5,068	242	5,310	95.4%	4.6%	422,542	3,928	426,470	99.1%	0.9%
10-Aug	3,826	179	4,005	95.5%	4.5%	426,368	4,107	430,475	99.0%	1.0%
11-Aug	11,809	483	12,292	96.1%	3.9%	438,177	4,590	442,767	99.0%	1.0%
12-Aug	2,655	130	2,785	95.3%	4.7%	440,832	4,720	445,552	98.9%	1.1%
13-Aug	311	5	316	98.4%	1.6%	441,143	4,725	445,868	98.9%	1.1%
14-Aug	747	12	759	98.4%	1.6%	441,890	4,737	446,627	98.9%	1.1%
15-Aug	432	13	445	97.1%	2.9%	442,322	4,750	447,072	98.9%	1.1%
16-Aug	949	16	965	98.3%	1.7%	443,271	4,766	448,037	98.9%	1.1%
17-Aug	2,623	30	2,653	98.9%	1.1%	445,894	4,796	450,690	98.9%	1.1%
18-Aug	3,189	18	3,207	99.4%	0.6%	449,083	4,814	453,897	98.9%	1.1%
19-Aug	1,671	16	1,687	99.1%	0.9%	450,754	4,830	455,584	98.9%	1.1%
20-Aug	7,985	89	8,074	98.9%	1.1%	458,739	4,919	463,658	98.9%	1.1%
21-Aug	3,014	53	3,067	98.3%	1.7%	461,753	4,972	466,725	98.9%	1.1%
22-Aug	2,596	78	2,674	97.1%	2.9%	464,349	5,050	469,399	98.9%	1.1%
23-Aug	4,312	177	4,489	96.1%	3.9%	468,661	5,227	473,888	98.9%	1.1%
24-Aug	2,758	99	2,857	96.5%	3.5%	471,419	5,326	476,745	98.9%	1.1%
25-Aug	5,194	54	5,248	99.0%	1.0%	476,613	5,380	481,993	98.9%	1.1%
26-Aug	4,788	195	4,983	96.1%	3.9%	481,401	5,575	486,976	98.9%	1.1%
Total	481,401	5,575	486,976							
Post-weir escapement estimate			30,024 ^a							
Total estimated escapement			517,000							

Note: "Jacks" are defined as sockeye salmon less than 400 mm.

^a Post-weir escapement estimates were determined using aerial surveys, commercial fishery performance, run timing indicators, effort levels, and weather conditions to provide a reasonable estimate of escapement levels after weir was removed.

Table 18.—Sockeye salmon daily and cumulative escapement counts through the Sandy River weir, 2022.

Date	Daily			Daily percent		Cumulative			Cumulative percent	
	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total	Adults	Jacks
8-Jun	0	0	0	0.0%	0.0%	0	0	0	0.0%	0.0%
9-Jun	4	0	4	100.0%	0.0%	4	0	4	100.0%	0.0%
10-Jun	5	0	5	100.0%	0.0%	9	0	9	100.0%	0.0%
11-Jun	33	0	33	100.0%	0.0%	42	0	42	100.0%	0.0%
12-Jun	35	0	35	100.0%	0.0%	77	0	77	100.0%	0.0%
13-Jun	85	1	86	98.8%	1.2%	162	1	163	99.4%	0.6%
14-Jun	80	0	80	100.0%	0.0%	242	1	243	99.6%	0.4%
15-Jun	76	0	76	100.0%	0.0%	318	1	319	99.7%	0.3%
16-Jun	3	0	3	100.0%	0.0%	321	1	322	99.7%	0.3%
17-Jun	106	3	109	97.2%	2.8%	427	4	431	99.1%	0.9%
18-Jun	41	1	42	97.6%	2.4%	468	5	473	98.9%	1.1%
19-Jun	105	4	109	96.3%	3.7%	573	9	582	98.5%	1.5%
20-Jun	303	11	314	96.5%	3.5%	876	20	896	97.8%	2.2%
21-Jun	79	2	81	97.5%	2.5%	955	22	977	97.7%	2.3%
22-Jun	537	14	551	97.5%	2.5%	1,492	36	1,528	97.6%	2.4%
23-Jun	179	1	180	99.4%	0.6%	1,671	37	1,708	97.8%	2.2%
24-Jun	2,216	24	2,240	98.9%	1.1%	3,887	61	3,948	98.5%	1.5%
25-Jun	1,566	13	1,579	99.2%	0.8%	5,453	74	5,527	98.7%	1.3%
26-Jun	0	0	0	0.0%	0.0%	5,453	74	5,527	98.7%	1.3%
27-Jun	371	0	371	100.0%	0.0%	5,824	74	5,898	98.7%	1.3%
28-Jun	2,995	1	2,996	100.0%	0.0%	8,819	75	8,894	99.2%	0.8%
29-Jun	1,089	7	1,096	99.4%	0.6%	9,908	82	9,990	99.2%	0.8%
30-Jun	0	0	0	0.0%	0.0%	9,908	82	9,990	99.2%	0.8%
1-Jul	1,255	0	1,255	100.0%	0.0%	11,163	82	11,245	99.3%	0.7%
2-Jul	1,611	17	1,628	99.0%	1.0%	12,774	99	12,873	99.2%	0.8%
3-Jul	1,567	27	1,594	98.3%	1.7%	14,341	126	14,467	99.1%	0.9%
4-Jul	1,855	16	1,871	99.1%	0.9%	16,196	142	16,338	99.1%	0.9%
5-Jul	1,329	24	1,353	98.2%	1.8%	17,525	166	17,691	99.1%	0.9%
6-Jul	1,656	18	1,674	98.9%	1.1%	19,181	184	19,365	99.0%	1.0%
7-Jul	1,182	3	1,185	99.7%	0.3%	20,363	187	20,550	99.1%	0.9%
8-Jul	624	6	630	99.0%	1.0%	20,987	193	21,180	99.1%	0.9%

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Table 18.—Page 2 of 2.

Date	Daily			Daily percent		Cumulative			Cumulative percent	
	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total	Adults	Jacks
9-Jul	2,338	22	2,360	99.1%	0.9%	23,325	215	23,540	99.1%	0.9%
10-Jul	2,607	24	2,631	99.1%	0.9%	25,932	239	26,171	99.1%	0.9%
11-Jul	1,641	16	1,657	99.0%	1.0%	27,573	255	27,828	99.1%	0.9%
12-Jul	1,433	13	1,446	99.1%	0.9%	29,006	268	29,274	99.1%	0.9%
13-Jul	1,117	16	1,133	98.6%	1.4%	30,123	284	30,407	99.1%	0.9%
14-Jul	2,150	39	2,189	98.2%	1.8%	32,273	323	32,596	99.0%	1.0%
15-Jul	1,507	28	1,535	98.2%	1.8%	33,780	351	34,131	99.0%	1.0%
16-Jul	3,295	48	3,343	98.6%	1.4%	37,075	399	37,474	98.9%	1.1%
17-Jul	789	30	819	96.3%	3.7%	37,864	429	38,293	98.9%	1.1%
18-Jul	1,299	35	1,334	97.4%	2.6%	39,163	464	39,627	98.8%	1.2%
19-Jul	881	35	916	96.2%	3.8%	40,044	499	40,543	98.8%	1.2%
20-Jul	401	13	414	96.9%	3.1%	40,445	512	40,957	98.7%	1.3%
21-Jul	56	1	57	98.2%	1.8%	40,501	513	41,014	98.7%	1.3%
22-Jul	1,064	18	1,082	98.3%	1.7%	41,565	531	42,096	98.7%	1.3%
Total	41,565	531	42,096							
Post-weir escapement estimate			1,904 ^a							
Total estimated escapement			44,000							

Note: “Jacks” are defined as sockeye salmon less than 400 mm.

^a Post-weir escapement estimates were determined using aerial surveys, commercial fishery performance, run timing indicators, effort levels, and weather conditions to provide a reasonable estimate of escapement levels after weir was removed.

Table 19.–Sockeye salmon daily and cumulative escapement counts through the Ilnik River weir, 2022.

Date	Daily			Daily percent		Cumulative			Cumulative percent	
	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total	Adults	Jacks
2-Jun	152	0	152	100.0%	0.0%	152	0	152	100.0%	0.0%
3-Jun	5	0	5	100.0%	0.0%	157	0	157	100.0%	0.0%
4-Jun	5	0	5	100.0%	0.0%	162	0	162	100.0%	0.0%
5-Jun	53	1	54	98.1%	1.9%	215	1	216	99.5%	0.5%
6-Jun	36	0	36	100.0%	0.0%	251	1	252	99.6%	0.4%
7-Jun	20	0	20	100.0%	0.0%	271	1	272	99.6%	0.4%
8-Jun	271	5	276	98.2%	1.8%	542	6	548	98.9%	1.1%
9-Jun	221	0	221	100.0%	0.0%	763	6	769	99.2%	0.8%
10-Jun	117	0	117	100.0%	0.0%	880	6	886	99.3%	0.7%
11-Jun	1,416	10	1,426	99.3%	0.7%	2,296	16	2,312	99.3%	0.7%
12-Jun	524	8	532	98.5%	1.5%	2,820	24	2,844	99.2%	0.8%
13-Jun	3,898	42	3,940	98.9%	1.1%	6,718	66	6,784	99.0%	1.0%
14-Jun	2,847	25	2,872	99.1%	0.9%	9,565	91	9,656	99.1%	0.9%
15-Jun	1,775	8	1,783	99.6%	0.4%	11,340	99	11,439	99.1%	0.9%
16-Jun	4,500	0	4,500	100.0%	0.0%	15,840	99	15,939	99.4%	0.6%
17-Jun	2,631	12	2,643	99.5%	0.5%	18,471	111	18,582	99.4%	0.6%
18-Jun	2,620	14	2,634	99.5%	0.5%	21,091	125	21,216	99.4%	0.6%
19-Jun	6,794	33	6,827	99.5%	0.5%	27,885	158	28,043	99.4%	0.6%
20-Jun	3,285	26	3,311	99.2%	0.8%	31,170	184	31,354	99.4%	0.6%
21-Jun	3,907	12	3,919	99.7%	0.3%	35,077	196	35,273	99.4%	0.6%
22-Jun	4,511	24	4,535	99.5%	0.5%	39,588	220	39,808	99.4%	0.6%
23-Jun	2,448	14	2,462	99.4%	0.6%	42,036	234	42,270	99.4%	0.6%
24-Jun	536	2	538	99.6%	0.4%	42,572	236	42,808	99.4%	0.6%
25-Jun	5,138	25	5,163	99.5%	0.5%	47,710	261	47,971	99.5%	0.5%
26-Jun	4,013	22	4,035	99.5%	0.5%	51,723	283	52,006	99.5%	0.5%
27-Jun	2,760	17	2,777	99.4%	0.6%	54,483	300	54,783	99.5%	0.5%
28-Jun	1,459	4	1,463	99.7%	0.3%	55,942	304	56,246	99.5%	0.5%
29-Jun	2,957	15	2,972	99.5%	0.5%	58,899	319	59,218	99.5%	0.5%
30-Jun	314	1	315	99.7%	0.3%	59,213	320	59,533	99.5%	0.5%

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Table 19.–Page 2 of 2.

Date	Daily			Daily percent		Cumulative			Cumulative percent	
	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total	Adults	Jacks
1-Jul	3,196	16	3,212	99.5%	0.5%	62,409	336	62,745	99.5%	0.5%
2-Jul	1,890	3	1,893	99.8%	0.2%	64,299	339	64,638	99.5%	0.5%
3-Jul	2,030	6	2,036	99.7%	0.3%	66,329	345	66,674	99.5%	0.5%
4-Jul	4,974	15	4,989	99.7%	0.3%	71,303	360	71,663	99.5%	0.5%
5-Jul	3,081	8	3,089	99.7%	0.3%	74,384	368	74,752	99.5%	0.5%
6-Jul	4,023	10	4,033	99.8%	0.2%	78,407	378	78,785	99.5%	0.5%
7-Jul	1,295	19	1,314	98.6%	1.4%	79,702	397	80,099	99.5%	0.5%
8-Jul	2,995	10	3,005	99.7%	0.3%	82,697	407	83,104	99.5%	0.5%
9-Jul	1,643	7	1,650	99.6%	0.4%	84,340	414	84,754	99.5%	0.5%
10-Jul	2,449	7	2,456	99.7%	0.3%	86,789	421	87,210	99.5%	0.5%
11-Jul	1,443	3	1,446	99.8%	0.2%	88,232	424	88,656	99.5%	0.5%
12-Jul	1,468	6	1,474	99.6%	0.4%	89,700	430	90,130	99.5%	0.5%
13-Jul	1,724	12	1,736	99.3%	0.7%	91,424	442	91,866	99.5%	0.5%
14-Jul	873	8	881	99.1%	0.9%	92,297	450	92,747	99.5%	0.5%
15-Jul	534	7	541	98.7%	1.3%	92,831	457	93,288	99.5%	0.5%
16-Jul	470	1	471	99.8%	0.2%	93,301	458	93,759	99.5%	0.5%
17-Jul	200	0	200	100.0%	0.0%	93,501	458	93,959	99.5%	0.5%
Total	93,650	458	94,108							

Post-weir escapement estimate 16,541^a

Estimated total escapement 110,500

Note: "Jacks" are defined as sockeye salmon less than 400 mm.

^a Post-weir escapement estimates were determined using aerial surveys, commercial fishery performance, run timing indicators, effort levels, and weather conditions to provide a reasonable estimate of escapement levels after weir was removed.

Table 20.—North Peninsula salmon harvest by species and day, 2022.

Catch date	Permits	Landings	Number of fish				
			Chinook	Sockeye	Coho	Pink	Chum
13-Jun	10	10	6	1,318	0	0	0
14-Jun	9	9	26	1,652	0	0	0
15-Jun	8	8	17	1,475	0	0	0
16-Jun ^a	—	—	—	—	—	—	—
17-Jun ^a	—	—	—	—	—	—	—
18-Jun thru 19-Jun ^b	0	0	0	0	0	0	0
20-Jun	50	65	61	59,708	0	0	48
21-Jun	43	45	67	26,139	0	0	0
22-Jun	71	108	96	151,404	0	0	22
23-Jun	74	90	90	76,914	0	0	10
24-Jun	37	48	28	37,274	0	0	2
26-Jun	79	103	59	77,401	0	0	13
27-Jun	118	148	81	128,457	0	0	15
28-Jun	121	184	90	213,309	0	1	15
29-Jun	115	155	66	198,973	0	3	19
30-Jun	69	94	15	109,580	0	0	6
1-Jul	72	74	4	76,189	0	1	17
2-Jul ^a	—	—	—	—	—	—	—
3-Jul ^a	—	—	—	—	—	—	—
4-Jul	146	244	40	316,223	0	16	233
5-Jul	133	169	25	204,130	0	0	165
6-Jul	102	139	19	169,874	0	2	36
7-Jul	90	128	13	126,174	0	0	4
8-Jul	116	154	13	241,295	0	0	0
9-Jul	96	117	5	202,617	0	2	80
10-Jul	74	120	2	154,994	0	42	0
11-Jul	124	167	4	195,311	0	31	27
12-Jul	82	128	3	124,231	0	0	0
13-Jul	125	156	2	119,439	1	30	33
14-Jul	65	66	6	43,314	0	0	61
15-Jul	115	122	7	93,863	5	153	92
30-Jul ^a	—	—	—	—	—	—	—
31-Jul ^a	—	—	—	—	—	—	—
1-Aug ^a	—	—	—	—	—	—	—
2-Aug	9	9	0	2,128	4	0	22
3-Aug	13	14	0	2,770	61	1,038	454
4-Aug	7	8	0	2,330	0	25	5
5-Aug ^a	—	—	—	—	—	—	—
6-Aug ^a	—	—	—	—	—	—	—
7-Aug ^a	—	—	—	—	—	—	—
8-Aug	14	15	0	1,963	70	1,310	4,440
9-Aug	35	35	0	6,943	130	1,156	3,950
10-Aug	9	10	0	2,460	2	47	38
11-Aug	4	4	0	422	4	0	0
12-Aug ^a	—	—	—	—	—	—	—
13-Aug	23	25	0	8,263	549	2,022	326
14-Aug	17	17	0	6,279	23	438	103
15-Aug	19	20	0	4,049	336	720	170
16-Aug	31	37	0	10,605	212	1,227	265

-continued-

Table 20.—Page 2 of 2.

Catch date	Permits	Landings	Number of fish				
			Chinook	Sockeye	Coho	Pink	Chum
17-Aug	23	27	0	5,374	378	893	443
18-Aug	27	32	1	9,619	194	346	118
19-Aug	13	13	1	3,538	27	105	38
20-Aug	20	22	0	5,398	112	120	39
21-Aug	9	14	0	4,111	69	116	12
22-Aug	11	11	0	1,297	284	18	14
23-Aug	26	34	0	8,647	470	196	90
24-Aug	14	14	0	3,394	365	177	31
25-Aug ^b	0	0	0	0	0	0	0
26-Aug	4	4	0	1,130	27	46	6
27-Aug	20	21	1	6,005	102	3,189	338
28-Aug ^a	—	—	—	—	—	—	—
29-Aug	4	4	0	2,433	95	12	12
30-Aug	7	8	0	2,903	101	32	26
31-Aug	6	6	0	1,818	119	45	34
1-Sep ^b	0	0	0	0	0	0	0
2-Sep	11	11	0	7,935	276	56	59
3-Sep ^b	0	0	0	0	0	0	0
4-Sep ^a	—	—	—	—	—	—	—
5-Sep	18	19	0	3,284	1,575	6	12
6-Sep	7	7	0	401	706	1	0
7-Sep	10	10	0	748	946	2	2
8-Sep ^a	—	—	—	—	—	—	—
9-Sep	6	6	0	22	148	0	0
Total ^c	166	3,955	887	3,604,235	7,711	12,362	14,095

Note: Catch numbers do not include test-fishery harvest or fish retained for personal use.

^a Confidential.

^b No effort.

^c Totals include confidential harvests.

Table 21.—North Peninsula salmon harvest by district, statistical area, and section, 2022.

Statistical area	Section	Number of fish					Total
		Chinook	Sockeye	Coho	Pink	Chum	
Northwestern District							
311-20	Dublin Bay Section ^a	0	0	0	0	0	0
311-32	Urilia Bay Section	0	45,306	1	642	29	45,978
311-52	Swanson Lagoon Section ^a	—	—	—	—	—	—
311-60	Bechevin Bay Section ^{a,b}	0	0	0	0	0	0
311-58	Cape Krenitzen to Cape Glazenap	0	0	0	0	0	0
312-10	Cape Glazenap to Moffet Point	0	1,052	63	962	522	2,599
312-20	Izembek Lagoon	—	—	—	—	—	—
312-40	Moffet Bay	—	—	—	—	—	—
Izembek-Moffet Bay Section total		0	1,052	63	962	522	2,599
Northwestern District total		0	56,020	98	4,041	9,357	69,516
Northern District							
313-10	Black Hills Section	0	189	0	2	2	193
313-20	Caribou Flats Section ^c	—	—	—	—	—	—
313-30	Nelson Lagoon Section	282	58,499	4,537	12	77	63,407
314-12	Port Moller Bight Section ^d	—	—	—	—	—	—
314-20	Herendeen Bay ^d	—	—	—	—	—	—
314-30	Moller Bay ^d	—	—	—	—	—	—
Herendeen-Moller Bay Section total ^d		282	58,688	4,537	14	79	63,600
315-11	Bear River	4	135,069	583	1,046	961	137,663
315-20	Muddy River	5	105,186	1,003	1,218	574	107,986
Bear River Section total		9	240,255	1,586	2,264	1,535	245,649
316-10	Three Hills Section	1	58,341	968	3,319	572	63,201
316-20	Southwest Ilnik	199	498,934	273	1,615	752	501,773
316-22	Ilnik Lagoon ^d	—	—	—	—	—	0
316-25	Northeast Ilnik	255	1,587,368	130	687	1,100	1,589,540
Ilnik Section total		454	2,086,302	403	2,302	1,852	2,091,313
317-10	Outer Port Heiden Section	95	1,093,611	12	73	598	1,094,389
317-20	Inner Port Heiden Section ^a	0	0	0	0	0	0
318-20	Cinder River Section ^a	0	0	0	0	0	0
Northern District total ^e		887	3,548,252	7,613	8,321	4,738	3,569,774
North Peninsula total ^e		887	3,604,235	7,711	12,362	14,095	3,639,290

Note: Catch numbers do not include test-fish harvest or fish retained for personal use.

^a There was no commercial salmon harvest effort in this section in 2022.

^b The Bechevin Bay Section is only part of the North Peninsula post June; there was no commercial fishing effort during this time period.

^c The Caribou Flat Section is closed to commercial salmon fishing.

^d Confidentiality rules prohibit the release of this information.

^e Totals include information not provided due to confidentiality requirements.

Table 22.—Northwestern District sockeye salmon runs (number of fish), 1962–2022.

Year		Izembek-Moffet Bay Section ^a	Dublin, Bechevin, & Urilia Bays, & Swanson Lagoon ^{a,b}	Northwestern District total
1962	Catch	4,700	4,100	8,800
	Escapement ^c	27,000	24,000	51,000
	Total	31,700	28,100	59,800
1963	Catch	1,700	5,200	6,900
	Escapement ^c	40,000	14,000	54,000
	Total	41,700	19,200	60,900
1964	Catch	4,700	10,300	15,000
	Escapement ^c	50,000	20,000	70,000
	Total	54,700	30,300	85,000
1965	Catch	400	14,100	14,500
	Escapement ^c	7,000	6,900	13,900
	Total	7,400	21,000	28,400
1966	Catch	0	16,300	16,300
	Escapement ^c	7,500	12,400	19,900
	Total	7,500	28,700	36,200
1967	Catch	8,100	5,300	13,400
	Escapement ^c	9,000	5,800	14,800
	Total	17,100	11,100	28,200
1968	Catch	11,100	4,600	15,700
	Escapement ^c	10,000	7,800	17,800
	Total	21,100	12,400	33,500
1969	Catch	6,100	3,500	9,600
	Escapement ^c	14,000	39,500	53,500
	Total	20,100	43,000	63,100
1970	Catch	3,110	727	3,837
	Escapement ^c	7,000	35,000	42,000
	Total	10,110	35,727	45,837
1971	Catch	6,880	2,357	9,237
	Escapement ^c	4,000	30,000	34,000
	Total	10,880	32,357	43,237
1972	Catch	759	6,180	6,939
	Escapement ^c	5,000	4,800	9,800
	Total	5,759	10,980	16,739
1973	Catch	1,256	2,612	3,868
	Escapement ^c	2,000	5,000	7,000
	Total	3,256	7,612	10,868
1974	Catch	4,789	3,693	8,482
	Escapement ^c	4,000	3,300	7,300
	Total	8,789	6,993	15,782

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Table 22.—Page 2 of 5.

Year		Izembek-Moffet Bay Section ^a	Dublin, Bechevin, & Urilia Bays & Swanson Lagoon ^{a,b}	Northwestern District total
1975	Catch	1,503	1,451	2,954
	Escapement ^c	7,000	12,300	19,300
	Total	8,503	13,751	22,254
1976	Catch	19,036	1,708	20,744
	Escapement ^c	14,000	21,500	35,500
	Total	33,036	23,208	56,244
1977	Catch	3,091	31,509	34,600
	Escapement ^c	26,500	28,600	55,100
	Total	29,591	60,109	89,700
1978	Catch	15,601	24,464	40,065
	Escapement ^c	17,000	28,000	45,000
	Total	32,601	52,464	85,065
1979	Catch	10,807	63,090	73,897
	Escapement ^c	9,000	33,700	42,700
	Total	19,807	96,790	116,597
1980	Catch	34,208	15,162	49,370
	Escapement ^c	11,500	90,100	101,600
	Total	45,708	105,262	150,970
1981	Catch	30,943	20,077	51,020
	Escapement ^c	12,000	60,700	72,700
	Total	42,943	80,777	123,720
1982	Catch	24,482	9,258	33,740
	Escapement ^c	21,500	29,300	50,800
	Total	45,982	38,558	84,540
1983	Catch	15,192	12,533	29,455
	Escapement ^c	18,500	14,200	32,700
	Total	33,692	26,733	62,155
1984	Catch	4,692	197,047	201,739
	Escapement ^c	19,100	70,300	89,400
	Total	23,792	267,347	291,139
1985	Catch	6,163	76,956	83,119
	Escapement ^c	17,200	29,500	46,700
	Total	23,363	106,456	129,819
1986	Catch	19,051	139,238	158,289
	Escapement ^c	15,700	45,700	61,400
	Total	34,751	184,938	219,689
1987	Catch	6,475	137,866	144,341
	Escapement ^c	13,600	36,300	49,900
	Total	20,075	174,166	194,241

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Table 22.—Page 3 of 5.

Year		Izembek-Moffet Bay Section ^a	Dublin, Bechevin, & Urilia Bays & Swanson Lagoon ^{a,b}	Northwestern District total
1988	Catch	11,468	66,983	78,451
	Escapement ^c	17,300	35,600	52,900
	Total	28,768	102,583	131,351
1989	Catch	8,610	43,980	52,590
	Escapement ^c	22,500	58,100	80,600
	Total	31,110	102,080	133,190
1990	Catch	39,428	118,592	158,020
	Escapement ^c	33,700	83,100	116,800
	Total	73,128	201,692	274,820
1991	Catch	24,500	156,727	181,227
	Escapement ^c	51,600	86,700	138,300
	Total	76,100	243,427	319,527
1992	Catch	21,542	57,507	79,049
	Escapement ^c	53,300	46,900	100,200
	Total	74,842	104,407	179,249
1993	Catch	30,109	38,274	68,383
	Escapement ^c	34,400	40,000	74,400
	Total	64,509	78,274	142,783
1994	Catch	2,362	32,512	34,874
	Escapement ^c	39,500	48,200	87,700
	Total	41,862	80,712	122,574
1995	Catch	7,269	17,965	25,234
	Escapement ^c	7,500	54,800	62,300
	Total	14,769	72,765	87,534
1996	Catch	18,210	39,899	58,109
	Escapement ^c	45,900	36,900	82,800
	Total	64,110	76,799	140,909
1997	Catch	5,493	52,961	58,454
	Escapement ^c	26,500	42,300	68,800
	Total	31,993	95,261	127,254
1998	Catch	8,241	43,074	51,315
	Escapement ^c	38,800	45,300	84,100
	Total	47,041	88,374	135,415
1999	Catch	4,387	119,148	123,535
	Escapement ^c	31,600	57,100	88,700
	Total	35,987	176,248	212,235
2000	Catch	1,638	100,808	102,446
	Escapement ^c	24,800	60,500	85,300
	Total	26,438	161,308	187,746

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Table 22.–Page 4 of 5.

Year		Izembek-Moffet Bay Section ^a	Dublin, Bechevin, & Urilia Bays & Swanson Lagoon ^{a,b}	Northwestern District total
2001	Catch	10,270	40,474	50,744
	Escapement ^c	49,500	51,500	101,000
	Total	59,770	91,974	151,744
2002	Catch	37,528	45,314	82,842
	Escapement ^c	49,000	60,500	109,500
	Total	86,528	105,814	192,342
2003	Catch	16,338	46,830	63,168
	Escapement ^c	58,000	79,600	137,600
	Total	74,338	126,430	200,768
2004	Catch	23,629	74,790	98,419
	Escapement ^c	68,300	118,630	186,930
	Total	91,929	193,420	285,349
2005	Catch	61,082	113,463	174,545
	Escapement ^c	61,388	75,400	136,788
	Total	122,470	188,863	311,333
2006	Catch	24,712	37,804	62,516
	Escapement ^c	41,195	53,311	94,506
	Total	65,907	91,115	157,022
2007	Catch	22,536	26,857	49,393
	Escapement	32,600	59,550	92,150
	Total	55,136	86,407	141,543
2008	Catch	8,836	42,610	51,446
	Escapement ^c	46,600	127,200	173,800
	Total	55,436	169,810	225,246
2009	Catch	10,869	26,190	37,059
	Escapement ^c	39,300	49,700	89,000
	Total	50,169	75,890	126,059
2010	Catch	25,582	29,223	54,805
	Escapement ^c	12,700	36,400	49,100
	Total	38,282	65,623	103,905
2011	Catch	17,918	2,195	20,113
	Escapement ^c	10,200	38,700	48,900
	Total	28,118	40,895	69,013
2012	Catch	54,072	3,301	57,373
	Escapement ^c	28,270	51,100	79,370
	Total	82,342	54,401	136,743
2013	Catch	24,098	0	24,098
	Escapement ^c	16,200	26,500	42,700
	Total	40,298	26,500	66,798

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Table 22.–Page 5 of 5.

Year		Izembek-Moffet Bay Section ^a	Dublin, Bechevin, & Urilia Bays & Swanson Lagoon ^{a,b}	Northwestern District total
2014	Catch	33,908	3,424	37,332
	Escapement ^c	15,050	35,600	50,650
	Total	48,958	39,024	87,982
2015	Catch	31,705	0	31,705
	Escapement ^c	16,260	56,200	72,460
	Total	47,965	56,200	104,165
2016	Catch	39,598	0	39,598
	Escapement ^c	12,700	127,800	140,500
	Total	52,298	127,800	180,098
2017	Catch	25,335	63,678	89,013
	Escapement ^c	11,000	296,462	307,462
	Total	36,335	360,140	396,475
2018	Catch	7,181	0	7,181
	Escapement ^c	13,425	30,600	44,025
	Total	20,606	30,600	51,206
2019	Catch	4,486	1,130	5,616
	Escapement ^c	28,600	53,300	81,900
	Total	33,086	54,430	87,516
2020	Catch	16,630	0	16,630
	Escapement ^c	27,300	23,900	51,200
	Total	43,930	23,900	67,830
2021	Catch	13,942	57,981	71,923
	Escapement ^c	22,100	68,700	90,800
	Total	36,042	126,681	162,723
2022	Catch	10,594	45,126	55,720
	Escapement ^c	21,810	41,050	62,860
	Total	32,404	86,176	118,580
2012–2021 average				
	Catch	25,096	12,951	38,047
	Escapement ^c	19,091	77,016	96,107
	Total	52,864	103,914	156,777

Note: Catch numbers do not include test-fishery harvest or fish retained for personal use. Differences in totals may occur between tables due to confidentiality requirements.

^a Statistical area 311-58 was moved from the Bechevin Bay Section to the Izembek-Moffet Bay Section in 2001.

^b Catch numbers include a small harvest from the Dublin Bay Section in 1983, 2006, and 2011 only.

^c Escapements are estimated totals.

Table 23.—Emergency order summary for the North Alaska Peninsula commercial salmon fishery, 2022.

Emergency order #	Date issued:	Effective:	Action taken:
Port Moller – 1	June 16	9:00 AM June 16	<u>Fishing Period:</u> The Bear River Section will open to commercial salmon fishing from 6:00 PM Thursday, June 16 until 6:00 PM Thursday, June 17.
Port Moller – 2	June 19	6:00 AM June 20	<u>Closed Waters:</u> That portion of the Ilnik Section located southwest of a 300-degree bearing perpendicular to the beach at 159° 42.04' W. long. will remain closed to commercial salmon fishing from 6:00 AM Monday, June 20 until further notice. <u>Fishing Period:</u> The remaining portion of the Ilnik Section will open to commercial salmon from 6:00 AM Monday, June 20 until 6:00 PM Wednesday, June 22. <u>Closure:</u> The Three Hills, Ilnik, and Outer Port Heiden Sections will close to commercial salmon fishing from 6:00 AM Monday, June 20 until further notice.
Port Moller – 3	June 22	6:00 PM June 22	<u>Fishing Period:</u> The remaining portion of the Ilnik Section will remain open to commercial salmon from 6:00 PM Wednesday, June 22 until 6:00 PM Saturday, June 25. The Outer Port Heiden Section will open to commercial salmon fishing from 6:00 AM Thursday, June 23 until 6:00 PM Saturday, June 25 <u>Extension:</u> The Port Moller Bight Section will remain open to commercial salmon fishing from 6:00 PM Thursday, June 23 until 6:00 PM Saturday, June 25.
Port Moller – 4	June 25	6:00 PM June 25	<u>Closure:</u> The Outer Port Heiden Section will close to commercial salmon fishing from 6:00 PM Saturday, June 25 until further notice. <u>Fishing Period:</u> The remaining portion of the Ilnik Section will remain open to commercial salmon from 6:00 PM Saturday, June 25 until 6:00 PM Wednesday, June 29. <u>Extension:</u> The Port Moller Bight Section will remain open to commercial salmon fishing from 6:00 PM Saturday, June 25 until 6:00 PM Thursday, June 30
Port Moller – 5	June 27	6:00 AM June 28	<u>Fishing Period:</u> The Outer Port Heiden Section will open to commercial salmon fishing from 6:00 AM Tuesday, June 28 until 6:00 PM Thursday, June 30.

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Table 23.–Page 2 of 6.

Emergency order #	Issued:	Effective:	Action taken:
Port Moller – 6	June 29	6:00 PM June 29	<u>Extension:</u> The Ilnik Section will remain open to commercial salmon fishing from 6:00 PM Wednesday, June 29 until 6:00 PM Thursday, June 30.
Port Moller – 7	June 30	6:00 PM June 30	<u>Extension:</u> The remaining portion of the Ilnik Section will remain open to commercial salmon fishing from 6:00 PM Thursday, June 30 until 6:00 PM Friday, July 1. The Port Moller Bight Section will remain open to commercial salmon fishing from 6:00 PM Thursday, June 30 until 6:00 PM Friday, July 1.
Port Moller – 8	July 1	6:00 PM July 1	<u>Fishing Period:</u> The Outer Port Heiden Section will reopen to commercial salmon fishing at 6:00 AM Monday, July 4 until 6:00 PM Wednesday, July 6. The remaining portion of the Ilnik Section will close to commercial salmon fishing at 6:00 PM Friday, July 1 and reopen at 6:00 AM Monday, July 4 until 6:00 PM Wednesday, July 6. The Port Moller Bight Section will remain open to commercial salmon fishing from 6:00 PM Friday, July 1 until 6:00 PM Wednesday, July 6.
Port Moller – 9	July 6	6:00 PM July 6	<u>Closure:</u> The Outer Port Heiden Section will close to commercial salmon fishing at 6:00 PM Wednesday, July 6. <u>Extension:</u> The remaining portion of the Ilnik Section will remain open to commercial salmon fishing from 6:00 PM Wednesday, July 6 until 6:00 PM Friday, July 8. The Port Moller Bight Section will remain open to commercial salmon fishing from 6:00 PM Wednesday, July 6 until 6:00 PM Friday, July 8.
Port Moller – 10	July 7	12:00 PM July 8	<u>Closed Waters:</u> That portion of the Bear River Section located from a 280-degree bearing perpendicular to the beach at the southern 1,000-yard regulatory marker at Bear River to the Sandy River Bluffs at 160° 19.64' W. long. will be closed to commercial salmon fishing from noon Friday, July 8 until further notice

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Table 23.–Page 3 of 6.

Emergency order #	Issued:	Effective:	Action taken:
Port Moller – 10 (Continued)	July 7	12:00 PM July 8	<u>Fishing Period:</u> The remaining portion of the Bear River Section and Three Hills Section will open to commercial salmon fishing from noon Friday, July 8 until 6:00 PM Wednesday, July 13. The Herendeen-Moller Bay Section will remain open to commercial salmon fishing from 6:00 PM Thursday, July 7 until 6:00 PM Thursday, July 14.
Port Moller – 11	July 8	6:00 PM July 8	<u>Closed Waters:</u> The remaining portion of the Ilnik Section will remain open to commercial salmon fishing from 6:00 PM Friday, July 8 until 6:00 PM Saturday, July 9. The Port Moller Bight Section will remain open to commercial salmon fishing from 6:00 PM Friday, July 8 until 6:00 PM Saturday, July 9.
Port Moller – 12	July 9	6:00 PM July 9	<u>Fishing Period:</u> The Outer Port Heiden Section will open to commercial salmon fishing from 6:00 AM Monday, July 11 until 6:00 PM Wednesday, July 13. <u>Extension:</u> The remaining portion of the Ilnik Section will remain open to commercial salmon fishing from 6:00 PM Saturday, July 9 until 6:00 PM Wednesday, July 13. The Port Moller Bight Section will remain open to commercial salmon fishing from 6:00 PM Saturday, July 9 until 6:00 PM Wednesday, July 13.
Port Moller – 13	July 12	12:00 PM July 12	<u>Closed Waters:</u> That portion of the Bear River Section located from the 1,000-yard southern regulatory marker at Bear River to a point at a 280° bearing perpendicular to the beach at the Bear River Church located at 160° 26.00' W. long. will open to commercial salmon fishing at noon Tuesday, July 12 until further notice. The closed waters at Bear River will be reduced to the stream terminus at the ocean shoreline from noon Tuesday, July 12 until further notice.
Port Moller – 14	July 14	6:00 PM July 14	<u>Closure:</u> The Nelson Lagoon Section will close to commercial salmon fishing at 11:59 PM Wednesday, July 13. That portion of the Bear River Section located from a 280° bearing perpendicular to the beach at the Bear River Church located at 160° 26.00' W. long. to the Sandy River Bluffs at 160° 19.64' W. long will remain closed to commercial salmon fishing until further notice.

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Table 23.–Page 4 of 6.

Emergency order #	Issued:	Effective:	Action taken:
Port Moller – 14 (Continued)	July 14	6:00 PM July 14	<u>Extension:</u> The remaining portion of the Bear River, Three Hills, and the Ilnik Sections will remain open to commercial salmon fishing from 6:00 PM Wednesday, July 13 until 6:00 PM Friday, July 15. The Port Moller Bight Section will remain open to commercial salmon fishing from 6:00 PM Thursday, July 14 until 6:00 PM Thursday, July 21.
Port Moller – 15	July 17	6:00 AM July 18	<p><u>Closure:</u> The Nelson Lagoon Section will remain closed to commercial salmon fishing from 6:00 AM Monday, July 18 until 6:00 AM Wednesday, July 20. The Outer Port Heiden Section will remain closed to commercial salmon fishing until further notice.</p> <p><u>Closed Waters:</u> All other closed waters in the Bear River Section are as noted in regulation and those closed waters are Frank’s Lagoon at 500 yards, King Salmon at 500 yards, and Sandy River at 2,000 yards.</p> <p><u>Fishing Period:</u> The Nelson Lagoon Section will open to commercial salmon fishing from 6:00 AM Wednesday, July 20 until 11:59 PM Thursday, July 21. The Bear River, Three Hills, and Ilnik Sections will open to commercial salmon fishing from 6:00 AM Monday, July 18 until 6:00 PM Thursday, July 21.</p>
Port Moller – 16	July 18	6:00 AM July 19	<p><u>Closed Waters:</u> All other closed waters in the Bear River Section are as noted in regulation and those closed waters are Frank’s Lagoon at 500 yards, King Salmon at 500 yards, and Sandy River at 2,000 yards.</p> <p><u>Fishing Period:</u> The Nelson Lagoon Section will open to commercial salmon fishing from 6:00 AM Wednesday, July 20 until 11:59 PM Thursday, July 21. The Bear River, Three Hills, and Ilnik Sections will open to commercial salmon fishing from 6:00 AM Monday, July 18 until 6:00 PM Thursday, July 21.</p>

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Table 23.–Page 5 of 6.

Emergency order #	Issued:	Effective:	Action taken:
Port Moller – 17	July 20	6:00 PM July 20	<p><u>Closed Waters:</u> That portion of the Ilnik Section located southwest of a 300-degree bearing perpendicular to the beach at 159° 42.04' W. long. to the northern Three Hills boundary line at 159° 49.45' W. long. will open to commercial salmon fishing from 6:00 PM Wednesday, July 20, until further notice.</p> <p><u>Extension:</u> The remaining portion of the Ilnik Section and the Bear River, Three Hills, and Port Moller Bight Sections will remain open to commercial salmon fishing from 6:00 PM Wednesday, July 20, until further notice.</p>
Port Moller – 18	July 27	6:00 PM July 27	<p><u>Closed Waters:</u> The closed waters at Bear River will be 1,000 yards from the stream terminus at the ocean shoreline effective at 6:00 PM Wednesday, July 27 until further notice.</p>
Port Moller – 19	July 28	6:00 PM July 28	<p><u>Fishing Period:</u> The Black Hills Section will remain open to commercial salmon fishing from 6:00 PM Thursday, July 28 until 6:00 PM Thursday, August 4.</p>
Port Moller – 20	July 29	6:00 PM July 29	<p><u>Closure:</u> The Bear River, Three Hills, Ilnik, and Outer Port Heiden sections will close to commercial salmon fishing from 6:00 PM Wednesday, July 29 until further notice.</p> <p><u>Fishing Periods:</u> The waters of Herendeen Bay south of a line from Point Divide to Black Point will open to commercial salmon fishing from 6:00 AM Thursday, July 30 until 6:00 PM Saturday, August 1.</p>
Port Moller – 21	August 8	6:00 AM August 9	<p><u>Closure:</u> That portion of the Bear River Section located from a 280° bearing perpendicular to the beach at the southern 1,000-yard regulatory marker at King Salmon River to the Sandy River Bluffs located at 160° 19.64' W. long. will close to commercial salmon fishing at 6:00 AM Tuesday, August 9 until further notice.</p> <p><u>Fishing Periods:</u> The remaining portion of the Bear River Section, as well as the Three Hills and Ilnik Sections, will open to commercial salmon fishing from 6:00 AM Tuesday, August 9 until 6:00 PM Saturday, August 13.</p>

-continued-

Table 23.–Page 6 of 6.

Emergency order #	Issued:	Effective:	Action taken:
Port Moller – 22	August 12	8:00 AM August 13	<p><u>Closure:</u> That portion of the Bear River Section located from a 280° bearing perpendicular to the beach at the southern 1,000-yard regulatory marker at King Salmon River to the Sandy River Bluffs located at 160° 19.64' W. long. will reopen to commercial salmon fishing at 8:00 AM Saturday, August 13 until further notice. The closed waters at Bear River will be set at 1,000 yards from the stream terminus at the ocean shoreline from 8:00 AM Saturday, August 13 until further notice</p> <p><u>Extension:</u> The Bear River, Three Hills, and Ilnik Sections will remain open to commercial salmon fishing from 6:00 PM Saturday, August 13 until 6:00 PM Thursday, August 18.</p>
Port Moller – 23	August 17	11:59 PM August 17	<p><u>Extension:</u> The Nelson Lagoon Section will remain open to commercial salmon fishing from 11:59 PM Wednesday, August 17, until 11:59 PM Thursday, August 18.</p>
Port Moller – 24	August 18	6:00 PM August 18	<p><u>Extension:</u> The Bear River, Three Hills, and Ilnik Sections will remain open to commercial salmon fishing from 6:00 PM Thursday, August 18 until 6:00 PM Thursday, August 25. Tuesday, August 4 until 6:00 AM Thursday, August 6.</p>
Port Moller – 25	August 24	11:59 PM August 24	<p><u>Extension:</u> The Nelson Lagoon Section will remain open to commercial salmon fishing from 11:59 PM Wednesday, August 24 until 11:59 PM Wednesday, August 31. The Bear River, Three Hills, and Ilnik Sections will remain open to commercial salmon fishing from 6:00 PM Thursday, August 25 until further notice.</p>
Port Moller – 26	August 31	11:59 PM August 31	<p><u>Extension:</u> The Nelson Lagoon Section will remain open to commercial salmon fishing from 11:59 PM Wednesday, August 31 until further notice.</p>
Cold Bay – 01	July 9	6:00 AM August 10	<p><u>Closed Waters:</u> Waters within 500 yards of the Christianson Lagoon exit channel terminus at the ocean shoreline are closed to commercial salmon fishing. In Peterson Lagoon, waters of the lagoon from a point 500 yards upstream from the outlet channel terminus at the ocean shoreline are closed to commercial salmon fishing.</p> <p><u>Fishing Periods:</u> The Urelia Bay Section of the Northwestern District will open to commercial salmon fishing from 6:00 AM Sunday, July 10 until further notice.</p>

Table 24.—Nelson Lagoon Section salmon harvest by species and day, 2022.

Catch date ^a	Permits	Landings	Number of fish				
			Chinook	Sockeye	Coho	Pink	Chum
13-Jun ^b	9	9	4	1,311	0	0	0
14-Jun	8	8	11	1,382	0	0	0
15-Jun	8	8	8	1,245	0	0	0
16-Jun thru 19-Jun ^c	—	—	—	—	—	—	—
20-Jun	14	14	10	1,842	0	0	0
21-Jun	19	19	22	3,413	0	0	0
22-Jun	19	19	29	4,110	0	0	0
23-Jun	18	18	33	3,026	0	0	0
24-Jun thru 26-Jun ^c	—	—	—	—	—	—	—
27-Jun	23	23	35	4,335	0	0	0
28-Jun	22	23	47	2,818	0	0	0
29-Jun	18	18	25	2,220	0	0	0
30-Jun	5	5	3	597	0	0	0
1-Jul thru 3-Jul ^c	—	—	—	—	—	—	—
4-Jul	17	17	27	2,393	0	0	0
5-Jul	13	15	13	1,473	0	0	0
6-Jul	12	12	3	1,973	0	0	0
7-Jul	17	17	8	3,442	0	0	0
8-Jul thru 10-Jul ^c	—	—	—	—	—	—	—
11-Jul	16	17	2	2,686	0	0	0
12-Jul	15	15	1	2,653	0	0	0
13-Jul	13	13	0	1,465	1	0	1
14-Jul thru 19-Jul ^c	—	—	—	—	—	—	—
20-Jul	5	5	0	596	0	0	0
21-Jul	9	9	0	901	0	0	0
22-Jul thru 24-Jul ^c	—	—	—	—	—	—	—
25-Jul	4	4	0	252	0	0	0
26-Jul	12	13	0	1,997	0	0	10
27-Jul	11	11	0	1,476	0	0	0
28-Jul	4	4	0	675	0	0	0
29-Jul thru 31-Jul ^c	—	—	—	—	—	—	—
1-Aug ^d	—	—	—	—	—	—	—
2-Aug	8	8	0	1,995	4	0	22
3-Aug	7	7	0	1,164	0	3	3
4-Aug	6	6	0	1,828	0	0	0
5-Aug thru 7-Aug ^c	—	—	—	—	—	—	—
8-Aug	12	12	0	1,258	70	0	28
9-Aug	9	9	0	1,061	94	9	9
10-Aug	5	5	0	470	2	0	0
11-Aug	4	4	0	422	4	0	0
12-Aug thru 14-Aug ^c	—	—	—	—	—	—	—
15-Aug	4	4	0	198	66	0	0
16-Aug	8	8	0	452	107	0	0

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Table 24.–Page 2 of 2.

Catch date ^a	Permits	Landings	Number of fish				
			Chinook	Sockeye	Coho	Pink	Chum
17-Aug	6	6	0	412	154	0	0
18-Aug	7	7	1	438	168	0	4
19-Aug thru 21-Aug ^c	–	–	–	–	–	–	–
22-Aug	6	6	0	113	258	0	0
23-Aug	6	6	0	156	307	0	0
24-Aug	5	5	0	119	310	0	0
26-Aug ^d	–	–	–	–	–	–	–
27-Aug thru 4-Sep ^e	–	–	–	–	–	–	–
5-Sep	7	7	0	19	1,244	0	0
6-Sep	6	6	0	17	704	0	0
7-Sep	8	8	0	10	849	0	0
8-Sep ^d	–	–	–	–	–	–	–
9-Sep	5	5	0	2	148	0	0
Total	27	441	282	58,499	4,537	12	77

Note: Catch numbers do not include test-fishery harvest or fish retained for personal use.

^a By regulation, the commercial fishing season in the Nelson Lagoon Section is from May 1 to September 30.

^b No fishing effort occurred before this date.

^c Closed.

^d Confidential.

^e No effort.

Table 25.—Bear River Section salmon harvest by species and day, 2022.

Catch date ^a	Permits	Landings	Number of fish				
			Chinook	Sockeye	Coho	Pink	Chum
8-Jul	5	5	0	9,971	0	0	0
9-Jul	4	5	0	4,846	0	0	10
10-Jul ^b	—	—	—	—	—	—	—
11-Jul	4	5	1	4,284	0	0	0
12-Jul	9	9	0	10,227	0	0	0
13-Jul	13	17	2	17,044	0	0	0
14-Jul	7	7	1	8,187	0	0	0
15-Jul	19	20	2	16,600	0	0	12
16-Jul ^c	—	—	—	—	—	—	—
17-Jul ^c	—	—	—	—	—	—	—
18-Jul	5	5	0	4,121	0	0	7
19-Jul	20	20	0	15,233	0	0	13
20-Jul	14	14	0	11,435	0	0	16
21-Jul	20	21	0	9,971	1	9	33
22-Jul	18	18	2	15,079	0	0	51
23-Jul	20	22	0	6,499	0	12	19
24-Jul	9	9	0	3,934	0	14	122
25-Jul ^d	0	0	0	0	0	0	0
26-Jul	18	20	0	7,493	2	31	66
27-Jul	23	23	0	9,343	9	99	150
28-Jul	24	25	0	4,832	15	31	78
29-Jul	10	10	0	2,925	0	17	15
30-Jul thru 8-Aug ^c	—	—	—	—	—	—	—
9-Aug	16	16	0	4,026	7	119	75
10-Aug ^b	—	—	—	—	—	—	—
11-Aug ^d	0	0	0	0	0	0	0
12-Aug ^d	0	0	0	0	0	0	0
13-Aug	16	16	0	5,526	93	318	160
14-Aug	9	9	0	3,233	12	79	65
15-Aug ^b	—	—	—	—	—	—	—
16-Aug	14	18	0	6,576	27	205	86
17-Aug	7	7	0	2,786	16	229	77
18-Aug	19	24	0	9,066	24	316	104
19-Aug	12	12	1	3,086	27	73	26
20-Aug	18	20	0	5,035	92	78	35
21-Aug	8	12	0	3,334	32	76	5
22-Aug	4	4	0	1,115	21	7	10
23-Aug	19	27	0	8,379	155	179	84
24-Aug	8	8	0	3,121	41	144	29
25-Aug ^d	0	0	0	0	0	0	0
26-Aug ^b	—	—	—	—	—	—	—
27-Aug	3	3	0	1,078	23	46	6

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Table 25.–Page 2 of 2.

Catch date ^a	Permits	Landings	Number of fish					
			Chinook	Sockeye	Coho	Pink	Chum	
28-Aug ^b	–	–	–	–	–	–	–	–
29-Aug	3	3	0	2,294	72	7	8	
30-Aug	6	6	0	2,631	89	11	16	
31-Aug	5	5	0	1,738	113	39	32	
1-Sep ^d	0	0	0	0	0	0	0	0
2-Sep	10	10	0	7,812	268	56	59	
3-Sep ^d	0	0	0	0	0	0	0	0
4-Sep ^d	0	0	0	0	0	0	0	0
5-Sep	10	11	0	3,206	321	6	12	
6-Sep ^b	–	–	–	–	–	–	–	–
7-Sep ^b	–	–	–	–	–	–	–	–
Total ^e	78	476	9	240,255	1,586	2,264	1,535	

Note: catch numbers do not include fish retained for personal use.

^a By regulation, the commercial fishing season in the Nelson Lagoon Section is from May 1 to September 30.

^b Confidential.

^c Closed

^d No effort.

^e Totals include information omitted due to confidentiality rules.

Table 26.—North Alaska Peninsula salmon test-fish and cost-recovery catches, 2001–2022.

Year	Number of fish					Total
	Chinook	Sockeye	Coho	Pink	Chum	
2001	13	4,363	2	10	62	4,450
2002	0	6,021	14	41	169	6,245
2003	1	5,785	10	99	178	6,073
2004	0	3,874	35	108	87	4,104
2005	0	2,291	2	11	36	2,340
2006	20	2,232	2	0	89	2,343
2007	0	1,664	5	0	13	1,682
2008	0	2,249	54	1	105	2,409
2009	6	4,027	7	29	54	4,123
2010	0	2,294	2	19	58	2,373
2011	1	2,434	21	33	67	2,556
2012 ^a	—	—	—	—	—	—
2013	0	2,035	28	34	116	2,213
2014	0	2,426	3	16	90	2,535
2015	1	2,348	10	3	398	2,760
2016	0	1,133	2	18	43	1,196
2017	0	8,298	6	25	346	8,675
2018	0	12,527	0	0	86	12,613
2019	0	8,897	46	223	605	9,771
2020	0	1,738	9	32	37	1,816
2021	1	6,289	23	70	83	6,466
2022	0	11,855	0	0	86	11,941
2012–2021 Average	0	5,077	14	47	200	5,338

Note: This table only includes test-fishery harvest from the local Port Moller test fishery.

^a A test fishery did not occur in 2012.

Table 27.—Three Hills Section salmon harvest by species and day, 2022.

Catch date ^a	Permits	Landings	Number of fish				
			Chinook	Sockeye	Coho	Pink	Chum
10-Jul	3	5	0	2,150	0	0	0
11-Jul	5	11	0	7,991	0	0	0
12-Jul	5	10	0	6,442	0	0	0
13-Jul	7	8	0	5,570	0	0	0
14-Jul	3	3	0	1,457	0	0	6
15-Jul	11	11	1	7,630	0	0	6
16-Jul ^b	—	—	—	—	—	—	—
17-Jul ^b	—	—	—	—	—	—	—
18-Jul ^c	—	—	—	—	—	—	—
19-Jul ^d	—	—	—	—	—	—	—
20-Jul ^c	—	—	—	—	—	—	—
21-Jul	3	5	0	1,044	0	0	0
22-Jul	11	11	0	4,078	2	0	28
23-Jul	7	7	0	1,292	3	0	7
24-Jul ^d	—	—	—	—	—	—	—
25-Jul ^c	—	—	—	—	—	—	—
26-Jul ^c	—	—	—	—	—	—	—
27-Jul ^d	—	—	—	—	—	—	—
28-Jul ^d	—	—	—	—	—	—	—
29-Jul	8	8	0	2,185	63	10	21
30-Jul thru 8-Aug ^d	—	—	—	—	—	—	—
9-Aug	5	5	0	1,160	29	81	14
10-Aug thru 12-Aug ^c	—	—	—	—	—	—	—
13-Aug	4	4	0	969	304	463	65
14-Aug	7	7	0	3,004	11	347	31
15-Aug	14	15	0	3,674	256	698	170
16-Aug	8	9	0	3,390	76	1,010	168
17-Aug	8	9	0	1,843	173	610	34
18-Aug ^c	—	—	—	—	—	—	—
19-Aug ^d	—	—	—	—	—	—	—
20-Aug ^d	—	—	—	—	—	—	—
21-Aug ^d	—	—	—	—	—	—	—
Total ^e	54	137	1	58,341	968	3,319	572

Note: Catch numbers do not include test-fishery harvest or fish retained for personal use.

^a By regulation, the commercial fishing season for the Three Hills Section is June 25 through September 30.

^b Closed.

^c No effort.

^d Confidential.

^e Total includes information not included due to confidentiality requirements.

Table 28.—Ilnik Section salmon harvest by species and day, 2022.

Catch date ^a	Permits	Landings	Number of fish				
			Chinook	Sockeye	Coho	Pink	Chum
20-Jun	35	50	43	57,782	0	0	48
21-Jun	23	24	41	22,524	0	0	0
22-Jun	51	88	66	147,244	0	0	22
23-Jun	47	59	54	58,471	0	0	10
24-Jun	16	16	12	13,494	0	0	0
25-Jun	35	35	18	18,468	0	0	4
26-Jun	78	101	56	77,337	0	0	13
27-Jun	88	103	42	92,691	0	0	10
28-Jun	52	63	17	64,575	0	1	4
29-Jun	52	56	19	62,591	0	0	3
30-Jun	47	56	11	71,482	0	0	6
1-Jul	71	73	4	76,083	0	1	17
2-Jul thru 3-Jul ^b	—	—	—	—	—	—	—
4-Jul	56	80	4	105,197	0	0	41
5-Jul	51	57	6	60,086	0	0	32
6-Jul	60	76	14	92,296	0	2	36
7-Jul	72	109	5	122,584	0	0	4
8-Jul	110	148	13	231,202	0	0	0
9-Jul	91	110	5	197,579	0	2	70
10-Jul	65	108	2	131,897	0	0	0
11-Jul	50	54	1	71,439	0	1	4
12-Jul	13	13	0	10,027	0	0	0
13-Jul	50	55	0	28,562	0	0	2
14-Jul	54	54	5	33,449	0	0	55
15-Jul	81	83	4	61,181	4	4	65
16-Jul thru 17-Jul ^b	—	—	—	—	—	—	—
18-Jul	18	18	0	21,950	0	29	100
19-Jul	13	15	0	13,623	0	0	22
20-Jul	9	9	0	5,706	1	0	69
21-Jul	51	51	0	53,600	50	52	215
22-Jul	64	72	9	40,936	35	67	214
23-Jul	32	33	3	9,604	55	571	261
24-Jul thru 25-Jul ^c	—	—	—	—	—	—	—
26-Jul	19	19	0	8,981	28	121	133
27-Jul	37	43	0	19,747	55	119	200
28-Jul	8	8	0	1,382	8	50	44
29-Jul ^d	—	—	—	—	—	—	—
30-Jul thru 8-Aug ^b	—	—	—	—	—	—	—
9-Aug thru 12-Aug ^{c,d}	0	0	0	0	0	0	0
Total	135	1,946	454	2,086,302	403	2,302	1,852

Note: Catch numbers do not include test-fishery harvest or fish retained for personal use.

^a Prior to June 20, only Ilnik Lagoon is open to commercial salmon fishing in the Ilnik Section.

^b Closed.

^c No effort.

^d Confidential.

^e Total includes information not included due to confidentiality requirements.

Table 29.—Outer Port Heiden Section salmon harvest by species and day, 2022.

Catch date ^a	Permits	Landings	Number of fish				
			Chinook	Sockeye	Coho	Pink	Chum
23-Jun	9	12	1	15,370	0	0	0
24-Jun	20	31	14	23,712	0	0	2
25-Jun	9	9	3	9,681	0	0	0
26-Jun thru 27-Jun ^b	—	—	—	—	—	—	—
28-Jun	73	119	34	177,208	0	0	16
29-Jun	62	79	21	134,038	0	3	16
30-Jun	21	33	1	37,501	0	0	0
1-Jul thru 3-Jul ^b	—	—	—	—	—	—	—
4-Jul	74	143	9	200,858	0	12	90
5-Jul	73	94	6	141,245	0	0	36
6-Jul	38	50	2	75,553	0	0	0
7-Jul thru 10-Jul ^b	—	—	—	—	—	—	—
11-Jul	56	77	1	100,362	0	0	23
12-Jul	43	79	2	94,622	0	0	0
13-Jul	49	59	0	60,727	0	0	30
14-Jul thru 18-Jul ^b	—	—	—	—	—	—	—
19-Jul	25	33	1	19,895	9	28	290
20-Jul ^c	—	—	—	—	—	—	—
21-Jul ^c	—	—	—	—	—	—	—
22-Jul thru 24-Jul ^b	—	—	—	—	—	—	—
25-Jul ^d	—	—	—	—	—	—	—
26-Jul	3	3	0	992	3	25	21
27-Jul ^d	—	—	—	—	—	—	—
Total^e	110	823	95	1,093,611	12	73	598

Note: Catch numbers do not include test-fishery harvest or fish retained for personal use.

^a By regulation, the commercial salmon fishing season in the Outer Port Heiden Section is June 20 through July 31.

^b Fishery closed.

^c Confidential.

^d No effort.

^e Total includes information not included due to confidentiality requirements.

Table 30.—Alaska Peninsula (Area M) and Bristol Bay (Area T) overlap area commercial salmon catch, in number of fish by gear and permit, 1978–2022.

Year	Drift gillnet													
	Area M							Area T						
	Permits	Landings	Chinook	Sockeye	Coho	Pink	Chum	Permits	Landings	Chinook	Sockeye	Coho	Pink	Chum
1978 ^a	—	—	—	—	—	—	—	26	233	6,947	315	17,581	0	202
1979 ^a	—	—	—	—	—	—	—	21	976	4,493	340	13,203	0	5
1980 ^a	—	—	—	—	—	—	—	25	269	4,073	932	24,846	1	16
1981 ^a	—	—	—	—	—	—	—	18	161	4,306	151	7,094	0	8
1982	0	0	0	0	0	0	0	23	281	8,427	727	17,320	0	0
1983	0	0	0	0	0	0	0	18	146	5,004	0	302	0	0
1984	0	0	0	0	0	0	0	44	380	5,133	499	39,881	22	119
1985	0	0	0	0	0	0	0	44	273	2,857	434	20,892	0	2
1986 ^a	—	—	—	—	—	—	—	24	162	1,141	1,366	17,341	0	32
1987 ^a	—	—	—	—	—	—	—	38	383	2,691	863	33,019	67	460
1988 ^a	—	—	—	—	—	—	—	46	407	4,936	3,155	40,956	6	2,857
1989 ^a	—	—	—	—	—	—	—	52	309	2,359	1,256	37,688	5	457
1990 ^a	—	—	—	—	—	—	—	63	407	3,707	3,557	61,654	147	231
1991	0	0	0	0	0	0	0	68	511	2,826	498	76,525	0	225
1992	0	0	0	0	0	0	0	102	578	4,899	3,433	71,359	54	598
1993	0	0	0	0	0	0	0	50	259	8,829	3,421	13,030	0	113
1994	0	0	0	0	0	0	0	77	567	8,618	2,294	103,200	44	213
1995	0	0	0	0	0	0	0	81	357	2,081	1,195	41,075	0	48
1996	4	12	8	4,045	755	1	522	33	153	593	2,833	37,829	0	19
1997	0	0	0	0	0	0	0	41	348	3,156	3,672	35,378	0	35
1998 ^a	—	—	—	—	—	—	—	60	354	1,430	3,348	49,893	1,478	633
1999	0	0	0	0	0	0	0	21	31	279	1,020	1,591	0	19
2000	0	0	0	0	0	0	0	27	113	0	1,173	23,620	15	0
2001	0	0	0	0	0	0	0	4	7	0	0	664	0	9
2002 ^a	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2003	0	0	0	0	0	0	0	4	4	0	0	2,072	0	0
2004 ^a	0	0	0	0	0	0	0	—	—	—	—	—	—	—
2005	0	0	0	0	0	0	0	10	17	266	1,921	2,122	0	7
2006	0	0	0	0	0	0	0	6	33	1,053	1,151	0	0	2
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Table 30.—Page 2 of 3.

Drift gillnet														
Year	Area M							Area T						
	Permits	Landings	Chinook	Sockeye	Coho	Pink	Chum	Permits	Landings	Chinook	Sockeye	Coho	Pink	Chum
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010 ^a	—	—	—	—	—	—	—	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013 ^a	—	—	—	—	—	—	—	0	0	0	0	0	0	0
2014 ^a	—	—	—	—	—	—	—	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2016 ^a	—	—	—	—	—	—	—	0	0	0	0	0	0	0
2017 ^a	—	—	—	—	—	—	—	0	0	0	0	0	0	0
2018 ^a	—	—	—	—	—	—	—	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Set gillnet														
Year	Area M							Area T						
	Permits	Landings	Chinook	Sockeye	Coho	Pink	Chum	Permits	Landings	Chinook	Sockeye	Coho	Pink	Chum
1978	7	59	1,458	468	1,741	0	194	8	46	282	46	3,586	0	41
1979	9	202	2,599	34,772	970	2	735	10	100	1,136	1,968	10,039	26	63
1980	10	235	428	19,655	1,029	0	2,223	16	172	527	1,931	16,095	39	128
1981	7	96	790	2,931	1,584	0	176	21	117	209	146	8,021	0	3
1982	8	206	2,181	7,857	3,808	0	724	16	113	347	198	20,890	0	0
1983	4	30	838	28	336	0	0	7	44	567	111	1,779	0	2
1984	5	51	866	1,216	2,138	0	33	15	101	395	31	9,541	0	8
1985	5	39	1,049	4,963	1,318	0	0	17	83	450	26	6,646	0	0
1986	3	67	335	36,297	579	0	807	7	42	345	382	1,433	0	1
1987 ^a	—	—	—	—	—	—	—	9	98	351	341	6,960	0	57
1988	6	93	204	12,314	18,125	142	1,637	14	115	703	1,032	13,181	2	360
1989	7	75	153	12,044	16,659	6	596	18	89	544	160	5,515	0	127
1990	5	62	195	12,748	7,901	0	101	15	118	867	229	11,979	4	36
1991	6	57	122	29,123	4,260	2	459	12	96	194	42	10,591	0	0

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Table 30.—Page 3 of 3.

Year	Set gillnet													
	Area M							Area T						
	Permits	Landings	Chinook	Sockeye	Coho	Pink	Chum	Permits	Landings	Chinook	Sockeye	Coho	Pink	Chum
1992	7	56	140	19,162	11,620	1	744	18	137	531	3,076	18,506	0	196
1993	3	34	3	23,931	7,141	11	70	11	89	2,992	5,890	3,600	0	57
1994	4	22	3	5,274	4,674	53	3	9	101	2,717	3,536	12,062	0	87
1995	3	20	14	3,057	3,021	0	109	12	64	512	87	7,090	0	2
1996 ^a	—	—	—	—	—	—	—	6	31	155	807	6,761	0	0
1997	3	56	621	20,426	2,169	0	41	9	76	247	1,116	6,434	0	1
1998 ^a	—	—	—	—	—	—	—	7	51	0	71	6,341	2	1
1999 ^a	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2000 ^a	—	—	—	—	—	—	—	3	6	0	0	787	3	0
2001 ^a	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2002 ^a	—	—	—	—	—	—	—	0	0	0	0	0	0	0
2003 ^a	—	—	—	—	—	—	—	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005 ^a	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007 ^a	—	—	—	—	—	—	—	0	0	0	0	0	0	0
2008 ^a	—	—	—	—	—	—	—	0	0	0	0	0	0	0
2009 ^a	0	0	0	0	0	0	0	—	—	—	—	—	—	—
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013 ^a	—	—	—	—	—	—	—	0	0	0	0	0	0	0
2014 ^a	—	—	—	—	—	—	—	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note: Catch numbers do not include test-fishery harvest or fish retained for personal use. Differences in totals may occur between tables due to confidentiality requirements.

^a Confidentiality requirements prohibit releasing this information.

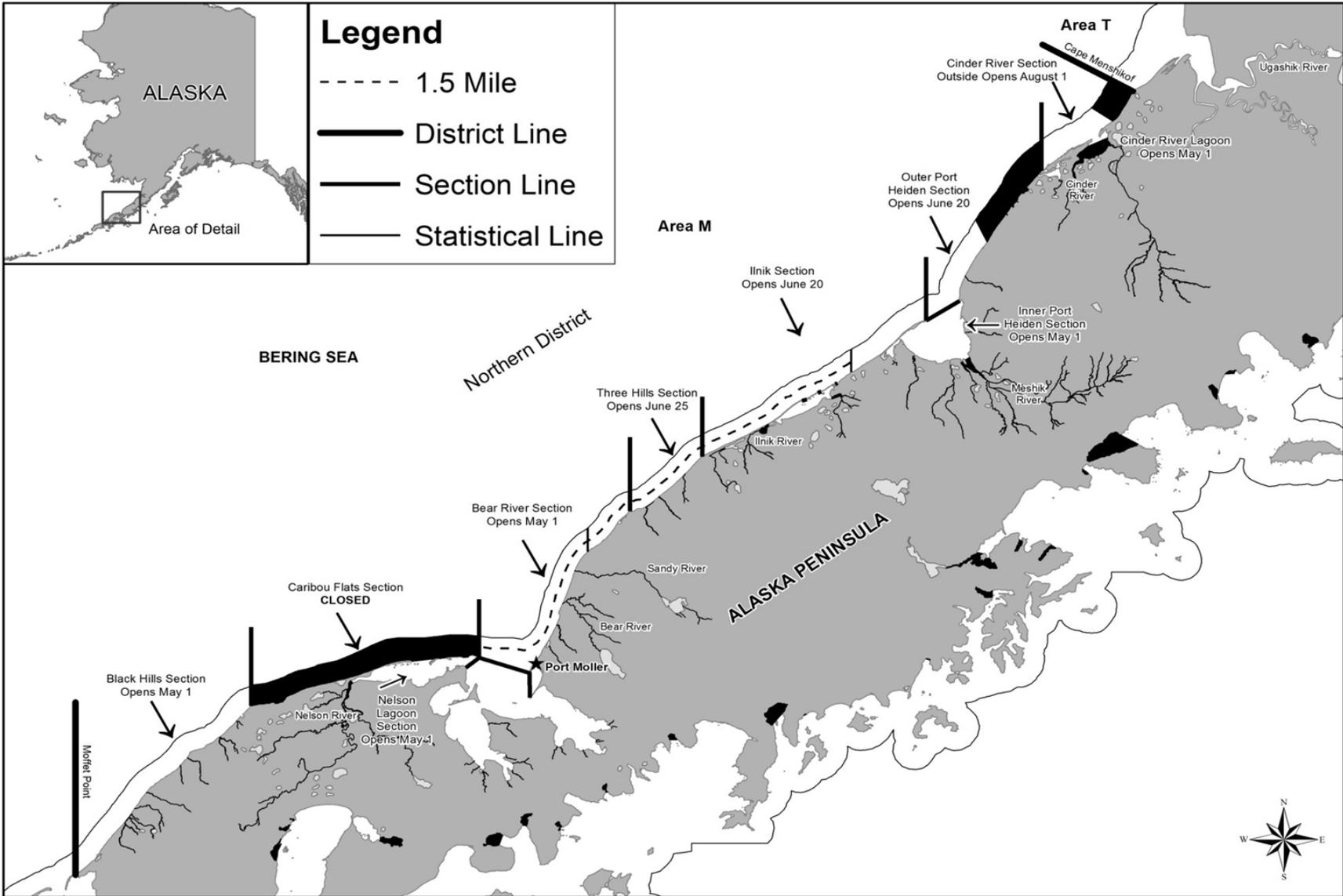


Figure 2.—North Alaska Peninsula from Moffet Point to Cape Menshikof, with selected commercial salmon fishing Sections, season opening dates, and major sockeye salmon systems.

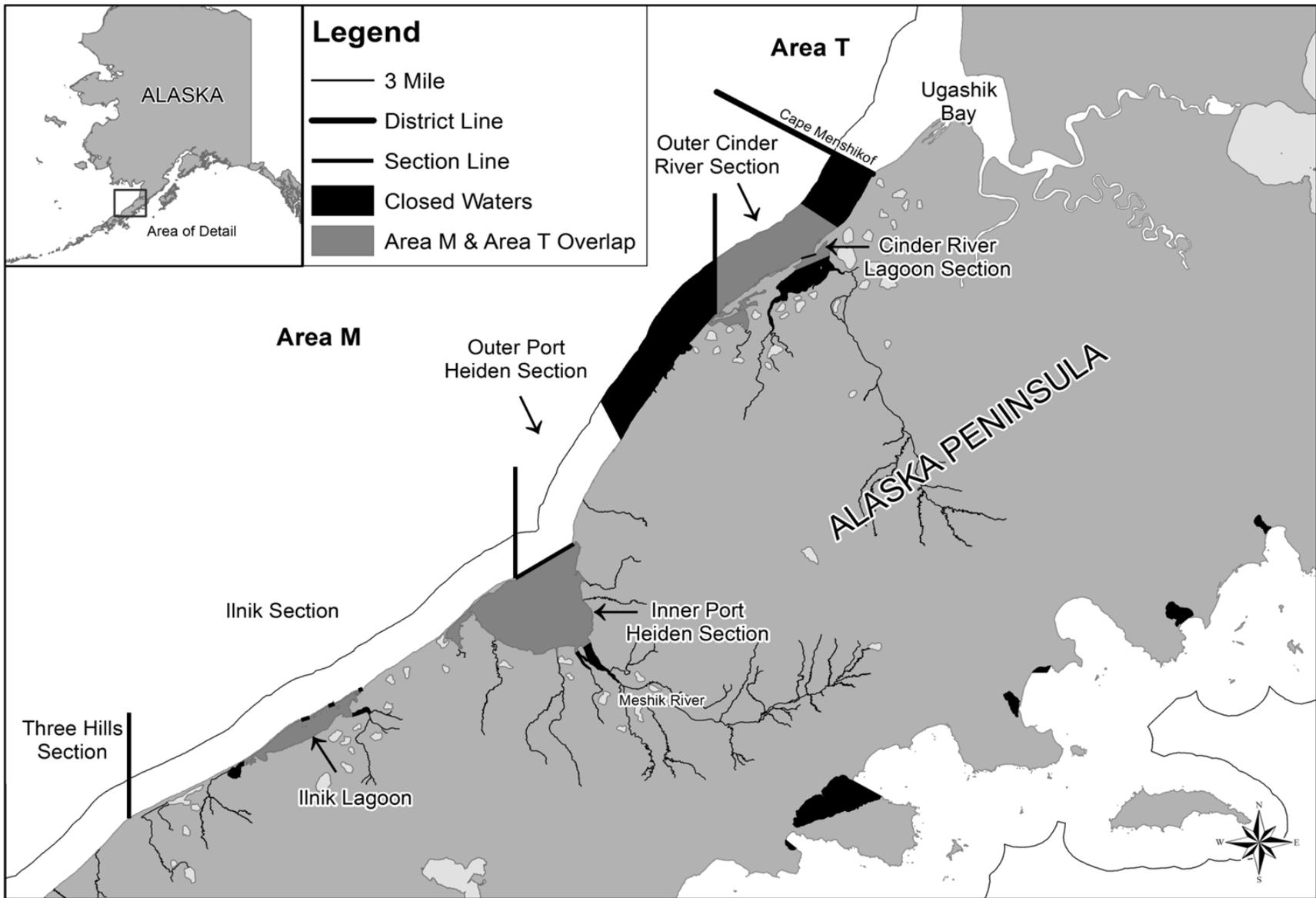


Figure 3.—Alaska Peninsula (Area M) and Bristol Bay (Area T) commercial salmon fishing overlap areas.

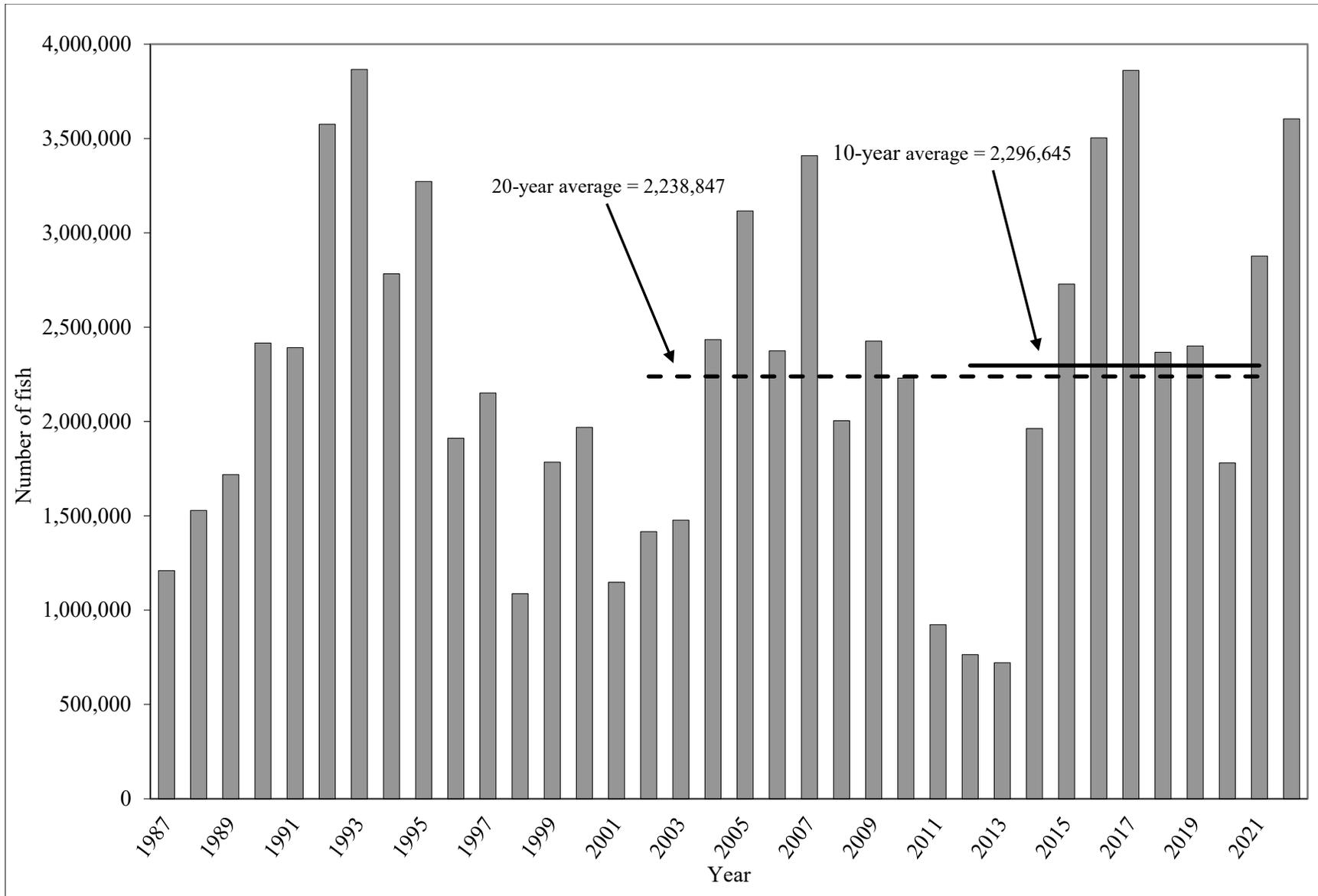


Figure 4.—North Alaska Peninsula commercial sockeye salmon harvest, 1987–2022.

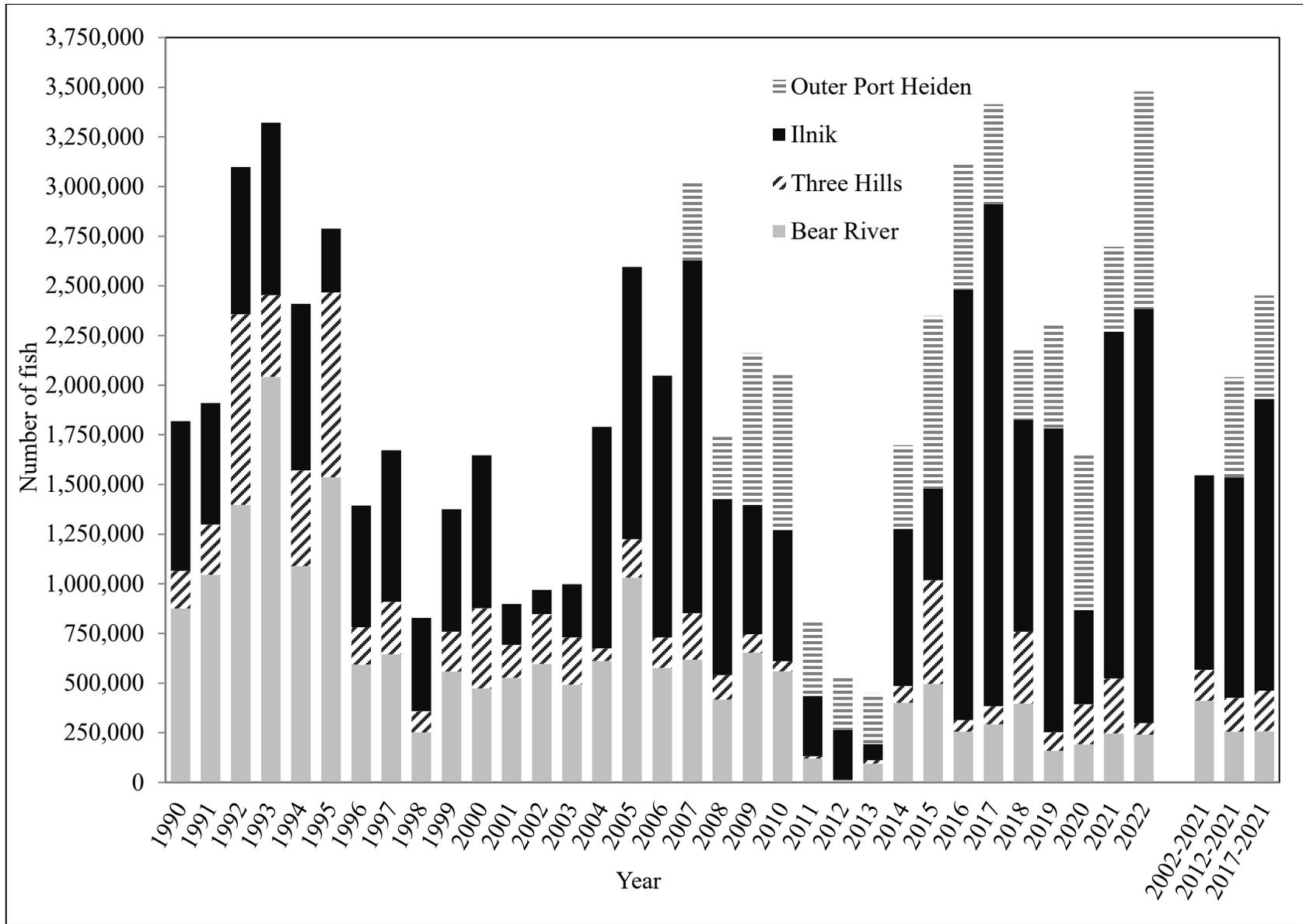


Figure 5.—Bear River, Three Hills, Ilnik, and Outer Port Heiden Sections commercial sockeye salmon harvest, 1990–2022.

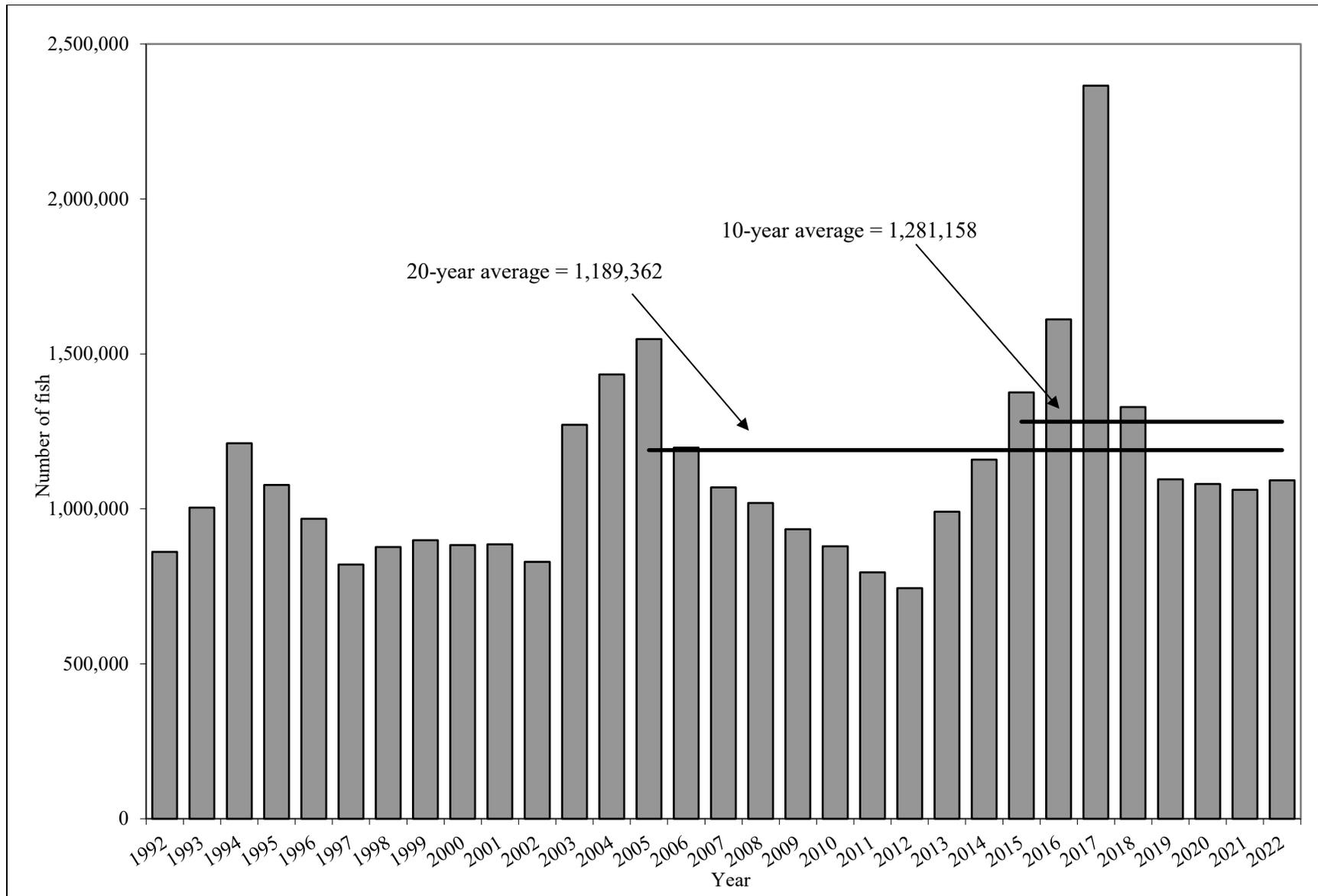


Figure 6.—North Alaska Peninsula sockeye salmon escapement, 1992–2022.

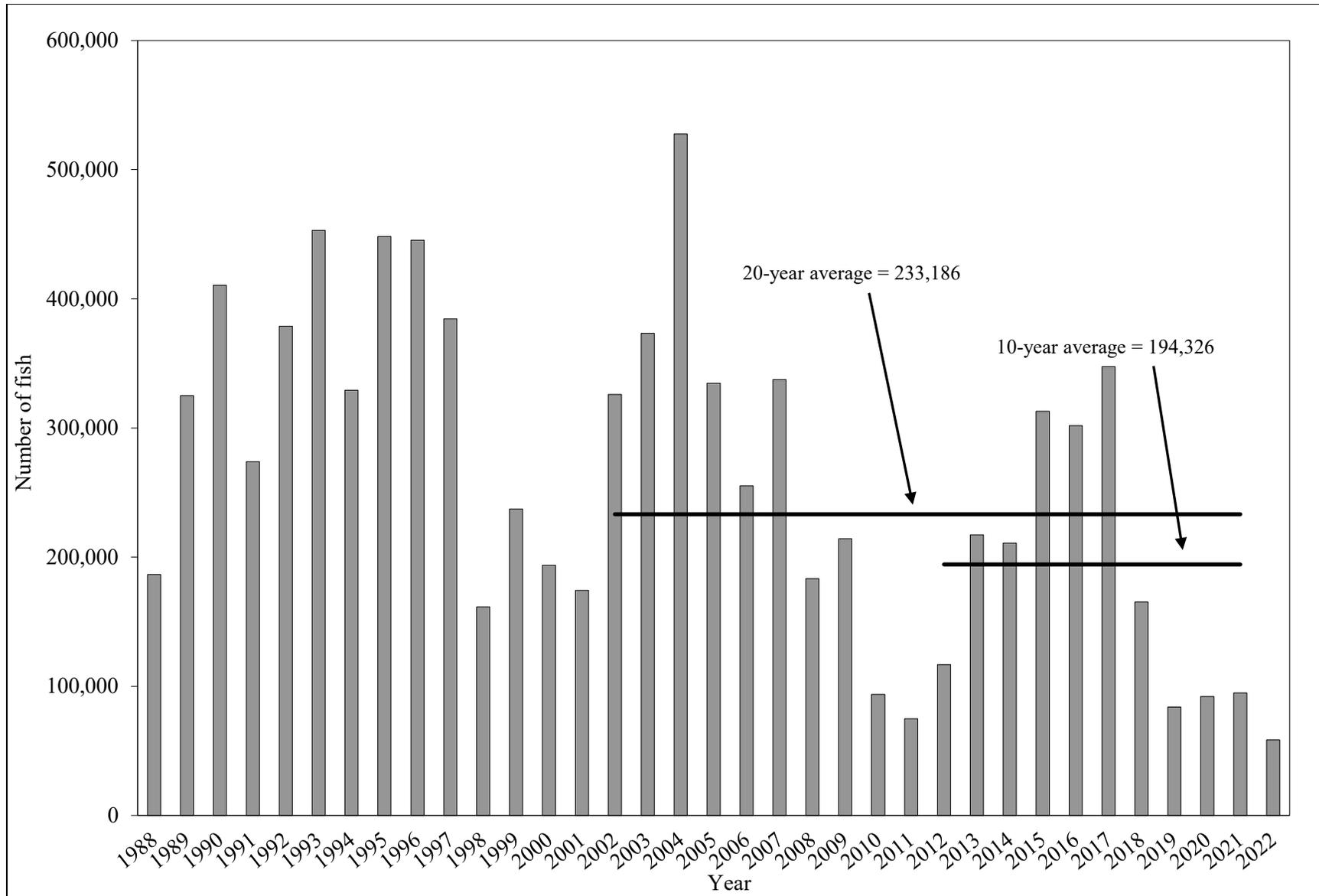


Figure 7.—Nelson Lagoon commercial sockeye salmon harvest, 1988–2022.

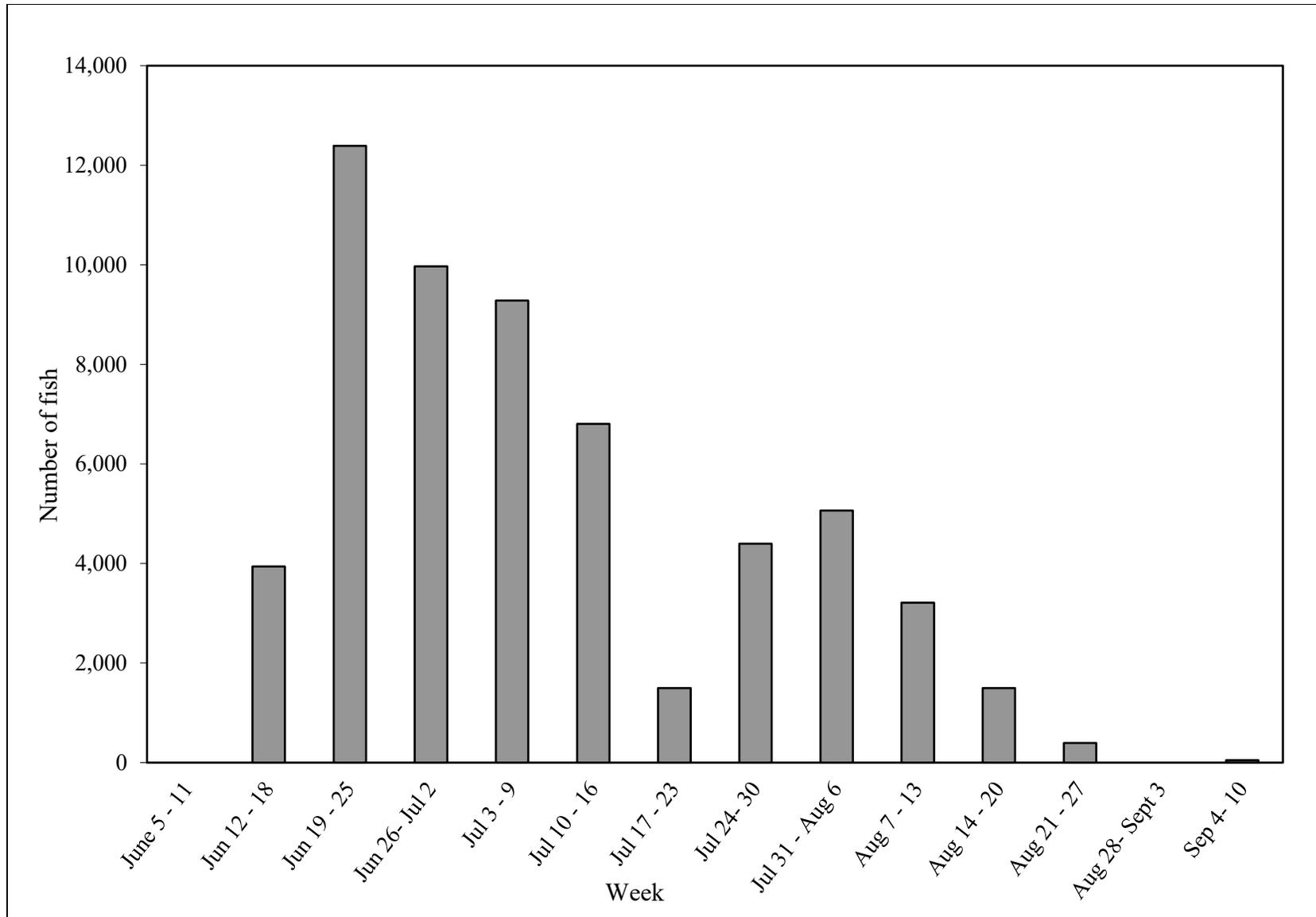


Figure 8.—Nelson Lagoon commercial sockeye salmon harvest by statistical week, 2022.

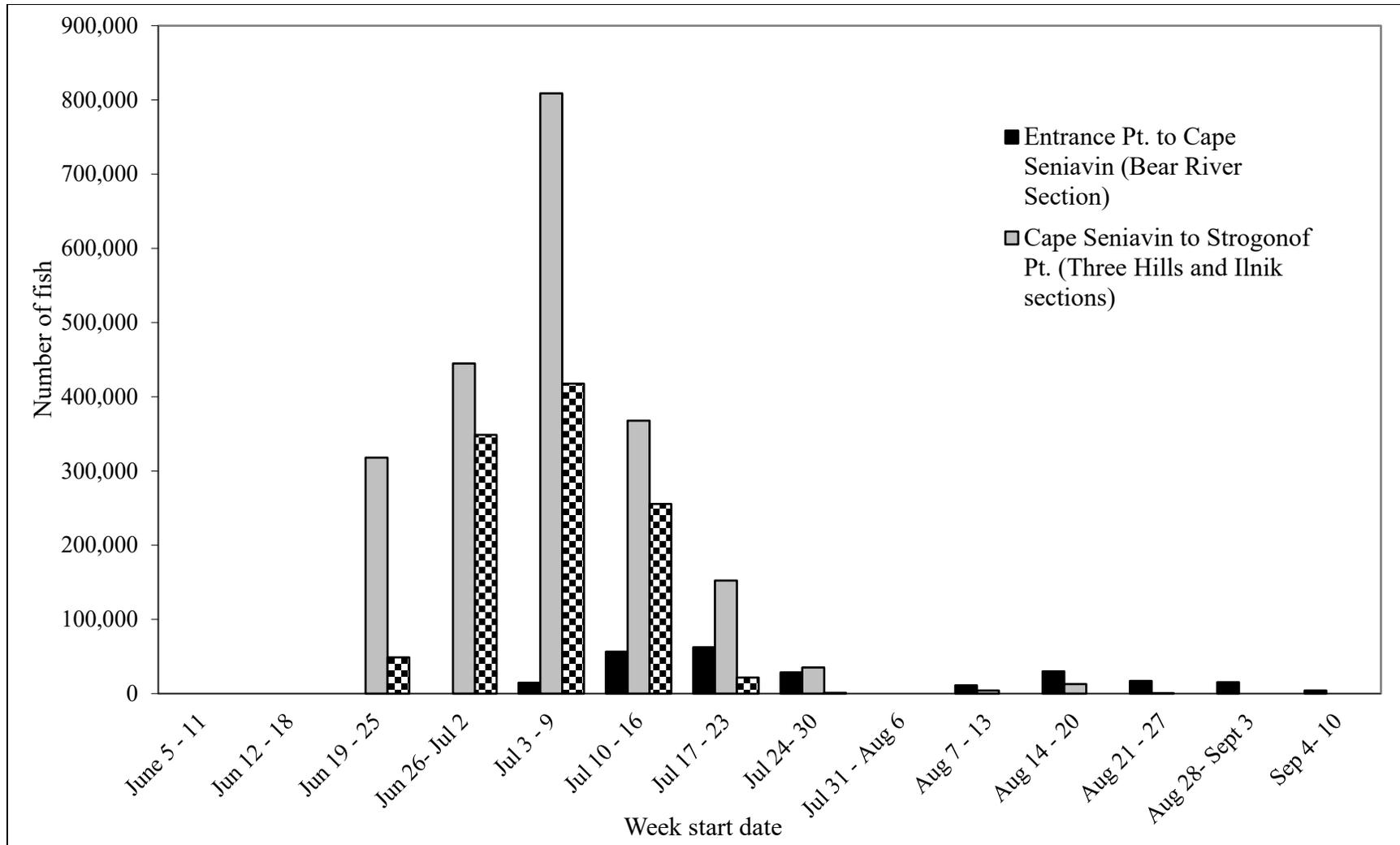


Figure 9.—Port Moller to Cape Seniavin, Cape Seniavin to Strogonof Point, and Outer Port Heiden sockeye salmon catch by statistical week, 2022.

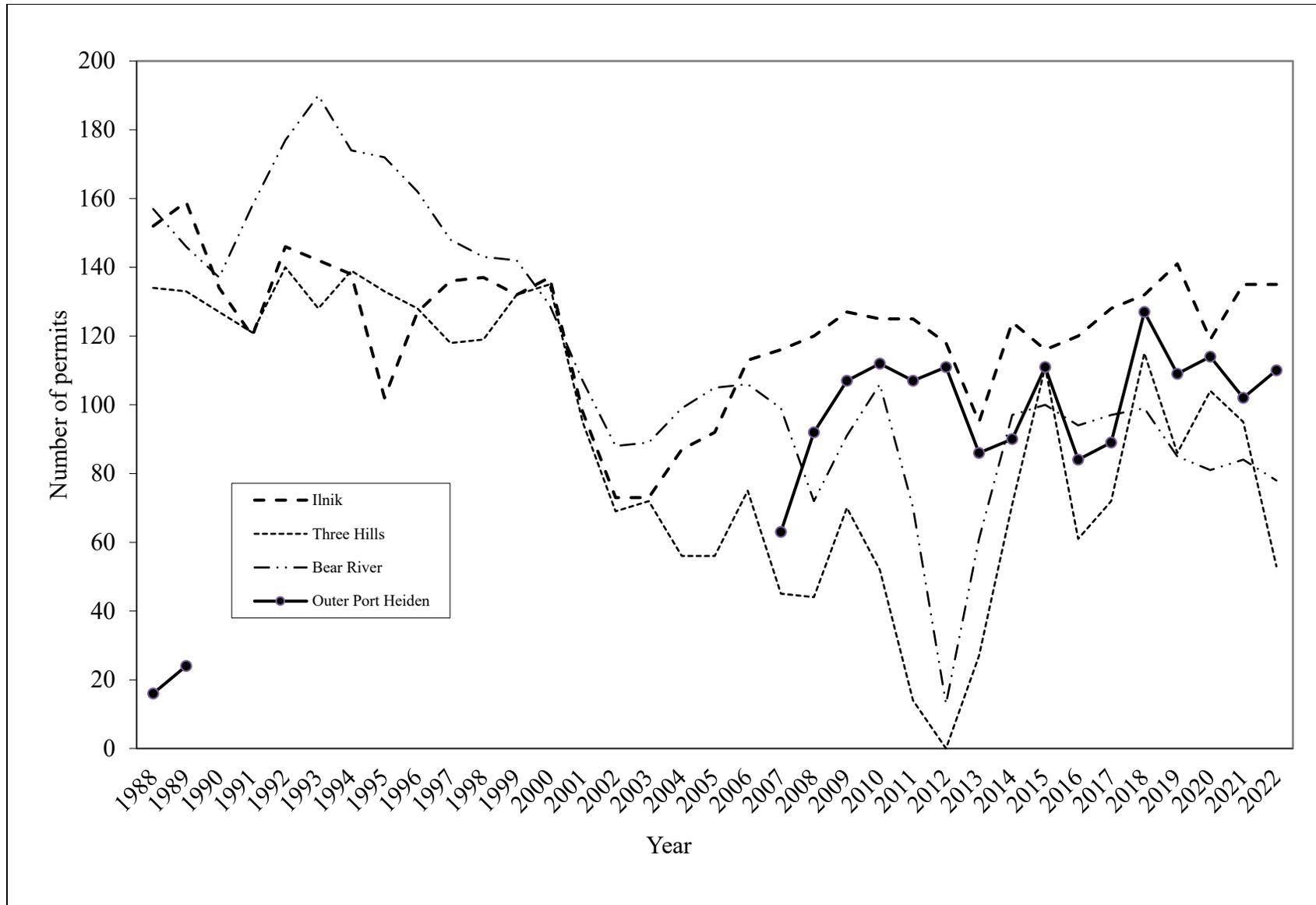


Figure 10.—Number of permits fished in the Ilnik, Three Hills, Bear River, and Outer Port Heiden Sections, 1988–2022.

**APPENDIX A. NORTH ALASKA PENINSULA SALMON
ESCAPEMENT, 2022**

Appendix A1.–North Alaska Peninsula estimated total escapement for Chinook, sockeye, pink, and chum salmon, and peak escapement counts for coho salmon, 2022.

Northwestern District		Number of salmon ^a				
Stream #	Stream name	Chinook	Sockeye	Coho	Pink	Chum
Urilia Bay Section						
311-30.06	Divide Creek	0	0	0	0	0
311-30.07	Whaleback Mtn. Creek	0	40,300	0	0	0
311-30.08	Christianson Lagoon	0	400	0	0	0
Christianson Lagoon System total		0	40,700	0	0	0
311-30.09	Mudhole	0	70	0	0	0
311-30.10	Clear Lagoon	0	0	0	0	0
Peterson Lagoon System total		0	70	0	0	0
311-40.01	Emil's River	0	0	0	0	0
311-40.04	North Creek	0	0	0	0	0
311-40.07	Otter Point Creek	0	0	0	0	0
Total Urilia Bay Section		0	40,770	0	0	0
Swanson Lagoon Section						
311-50.01	Big River	0	0	0	0	0
311-50.02	Swanson Lagoon System	0	20	0	0	0
Total Swanson Lagoon Section		0	20	0	0	0
Bechevin Bay Section						
311-60.01	St. Catherine Cove	0	160	500	5,800	9,500
311-60.06	Anderson's Creek	0	0	0	9,200	700
311-60.07 & .08	Trader's Cove	0	100	100	9,100	8,000
311-60.12	Warm Springs Bay	0	0	0	200	500
311-60.13	Hungry's Creek	0	0	0	2,300	0
311-60.18	Lampsport Lagoon	0	0	0	0	200
Total Bechevin Bay Section		0	260	600	26,600	18,900
Izembek-Moffet Bay Section						
312-20.01	Norma Bay Lakes	0	0	0	0	0
312-20.02	Mike's Duck Camp Creek	0	0	0	0	900
312-20.03	Norma Bay, South	0	0	0	100	800
312-20.04	Third Bridge Creek	0	0	0	0	0
312-20.05	Frosty Creek	0	300	200	500	8,200
312-20.06	Blue Bill Lake	0	5,000	0	0	0
312-20.13	Outer Marker Lakes	0	10	0	0	0
312-20.51	Springs S Frosty Creek	0	0	20	100	300
312-20.52	Second Bridge Creek	0	0	0	0	0
Izembek Lagoon total		0	5,310	220	700	10,200
312-40.01	Joshua Green River	0	10,700	400	3,900	14,600
312-40.02	Moffet Springs Creek	0	1,000	0	200	1,600
312-40.03	Moffet Creek	0	4,300	0	400	5,600
312-40.04	Unnamed 0	0	0	0	0	0
312-40.05	Unnamed 0	0	500	0	0	0
Moffet Bay total		0	16,500	400	4,500	21,800
Total Izembek-Moffet Bay Section		0	21,810	620	5,200	32,000
Northwestern District total		0	62,860	1,220	31,800	50,900

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Appendix A1.–Page 2 of 4.

Northern District		Number of salmon ^a				
Stream #	Stream name	Chinook	Sockeye	Coho	Pink	Chum
Black Hills Section						
313-10.02	North Creek	400	9,900	0	0	3,400
313-10.05	Cathedral River	0	0	0	0	0
313-10.06	Russian (Trader Mtn.) River	0	0	0	0	800
313-10.09	AMOCO Airstrip Creek	0	0	0	0	4,000
313-10.11	Black Hills Creek	625	2,000	0	6,000	12,000
313-10.14	Steelhead Creek	400	100	0	8,000	9,500
313-10.15	Mainshak Creek	0	0	0	0	0
Total Black Hills Section		1,425	12,000	0	14,000	29,700
Nelson Lagoon Section						
313-30.01 &04	David's River	0	6,900	0	0	0
313-30.02	Caribou River	0	5,000	0	0	0
313-30.03	Nelson (Sapsuk) River	3,785	98,000	21,500	2,492	6,036
Total Nelson Lagoon Section		3,785	109,900	21,500	2,492	6,036
Herendeen-Moller Bay Section						
314-20.02	Buck Valley	0	0	0	0	200
314-20.03	Doe Valley	0	0	0	0	0
314-20.04	Deer Valley	0	500	0	3,000	12,000
314-20.05	Portage Valley	0	0	0	0	0
314-20.06	Grass Valley	0	1,500	0	0	8,200
314-20.07	Lawrence Valley	25	0	30	0	6,000
314-20.08	Mine Harbor	0	0	0	0	0
314-20.09	Coal Creek	0	0	0	0	600
Herendeen Bay total		0	2,030	0	9,000	42,800
314-30.04	Mud Bay, west creek	0	0	0	1,100	2,900
314-30.05	Mud Bay, east creek	0	0	0	1,000	3,900
314-30.07	Right Head Bay, south creek	0	0	0	0	500
314-30.09	Right Head Bay, north creek	0	0	0	800	4,700
314-30.10	Left Head Creek	0	0	0	900	6,000
Moller Bay total		0	0	0	3,800	18,000
Total Herendeen-Moller Bay Section		25	1,800	3,400	39,400	68,350
Bear River Section						
315-10.01	Frank's Lagoon	0	0	0	0	4,200
315-10.02	King Salmon River	175	0	0	0	0
315-11.02	Bear River	17	517,000	0	465	38
315-12.01	Sandy River	62	44,000	0	203	8
Total Bear River Section		254	561,000	0	668	4,246
Three Hills Section						
316-10.01	Lime Creek	0	0	0	0	0
316-10.02	Mid Three Hills	0	0	0	0	0
316-10.04	SW Three Hills	0	0	0	0	300
Total Three Hills Section		0	0	0	0	300

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Appendix A1.–Page 3 of 4.

Northern District (Continued)		Number of salmon ^a				
Stream #	Stream name	Chinook	Sockeye	Coho	Pink	Chum
Ilnik Section						
316-10.05	Ocean River/Wildman Lake	0	16,000	2,200	0	0
316-10.06	Willie Creek	0	0	0	0	0
316-20.01	Ilnik River	10	94,500	34,000	29	0
316-20.04	Unangashak River	0	0	2,000	0	0
316-20.05	East of Unangashak River	0	0	0	0	0
316-20.06	North of Unangashak River	0	0	0	0	0
Total Ilnik Section		10	110,500	38,200	29	0
Inner Port Heiden Section						
317-20.01	Unnamed, Port Heiden Area	0	0	0	0	0
317-20.02	Charles Creek	0	100	0	0	600
West Port Heiden Bay total		0	100	0	0	600
317-20.06	Highland Creek	0	0	0	0	0
317-20.04A & B	Red & Yellow Bluff Creeks	800	47,000	0	0	3,300
317-20.07 A	Meshik River, mainstem	1,100	21,000	96,000	9,000	8,000
317-20.07 B	Braided Creek	200	1,900	0	0	0
317-20.07 C	Landlocked Creek	200	2,000	0	0	0
317-20.07 D	Bluff Creek	0	0	0	0	0
317-20.07 E	Blue Violet Creek	200	7,800	0	0	1,300
317-20.07 F	Wolf Creek	100	3,000	0	0	5,500
317-20.07 G	Meshik River, G Creek	0	0	0	0	0
317-20.07 H	Shoe Creek	0	800	0	0	9,000
317-20.07 J	Meshik River, J Creek	0	0	0	0	0
317-20.07 K	Meshik River, K Creek	0	9,000	0	0	2,000
317-20.07 L	Meshik River, L Creek	400	11,000	0	0	5,000
317-20.07 M	Meshik River, M Creek	0	0	0	0	200
317-20.07 N	Meshik River, N Creek	0	0	0	0	300
317-20.07 O	Plenty Bear Creek	100	2000	0	0	4,000
317-20.07 O-A	Paddle Creek	75	200	0	0	1,800
317-20.07 P	Waterfall Creek	0	0	0	0	650
317-20.07 R	Rainbow Creek	400	7,000	0	0	900
317-20.07 T	Cub Creek	0	0	0	0	600
Meshik River total		3,575	112,700	96,000	9,000	42,550
317-20.08	Birthday Creek	0	100	0	0	1,200
317-20.09	Barabara Creek	0	0	0	0	0
Total Inner Port Heiden Section		3,575	112,900	96,000	9,000	44,350
Outer Port Heiden section						
318-10.01	Reindeer Creek	0	0	0	0	0
Total Outer Port Heiden Section		0	0	0	0	0

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Appendix A1.–Page 4 of 4.

Northern District (Continued)		Number of salmon ^a				
Stream #	Stream name	Chinook	Sockeye	Coho	Pink	Chum
Cinder River Section						
318-20.01	SW of Mud Creek	0	0	0	0	0
SW of Cinder River total		0	0	0	0	0
318-20.04	Mud Creek	75	5,500	11,000	1,800	2,200
318-20.06 A	Cinder River, mainstem	0	1,200	32,000	24,000	7,000
318-20.06 B	Cinder River, B Creek	0	0	0	0	0
318-20.06 C	Cinder River, C Creek	0	0	0	0	0
318-20.06 D	Lava Creek	0	28,000	0	0	700
318-20.06 E	High Creek	0	4,800	0	0	0
318-20.06 H	Meloy Creek	700	16,000	0	0	5,200
318-20.06 J	Wiggly Creek	700	21,000	0	0	5,200
318-20.06 K	Ray Creek	50	2,600	0	0	150
318-20.06 L	Cinder River, L Creek	125	400	11,000	0	0
318-20.06 P	Cinder River, P Creek	0	0	0	0	0
Cinder River total		3,125	120,900	35,000	8,800	18,450
Total Cinder River Section		3,125	120,900	35,000	8,800	18,450
Total Northern District		12,174	1,013,230	190,700	47,789	163,882
Total North Peninsula		12,174	1,076,090	191,920	79,589	214,782

^a Chinook, sockeye, pink, and chum salmon numbers are estimated total escapements. Coho salmon numbers are peak counts and based on limited data.

Appendix A2.–North Alaska Peninsula aerial salmon surveys, 2022.

Stream				Species					Observer remarks
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Whaleback Mtn Crk 311-3007									
Tyler Lawson Aerial Survey	6/21/2022	Stream	G	0	8,000	0	0	0	All fish down low and had recently entered.
		Mouth	U	0	0	0	0	0	
		Bay	U	0	0	0	0	0	
Tyler Lawson Aerial Survey	6/28/2022	Stream	F	0	9,000	0	0	0	Fair number of jumpers in the salt. Visibility declined since last survey. ~2,000 1 mi upriver.
		Mouth	P	0	500	0	0	0	
		Bay	P	0	500	0	0	0	
Lisa Fox Aerial Survey	7/9/2022	Stream	G	0	36,300	0	0	0	13.4 before the Christianson confluence, 22.9 upriver several mi.
		Mouth	U	0	0	0	0	0	
		Bay	U	0	0	0	0	0	
Tyler Lawson Aerial Survey	7/20/2022	Stream	G	0	40,300	0	0	0	~10k before confluence, ~30k up to mid-river.
		Mouth	P	0	0	0	0	0	
		Bay	P	0	0	0	0	0	
Christianson Lagoon 311-3008									
Tyler Lawson Aerial Survey	6/21/2022	Stream	G	0	0	0	0	0	0 fish.
		Mouth	U	0	0	0	0	0	
		Bay	U	0	0	0	0	0	
Lisa Fox Aerial Survey	6/28/2022	Stream	F	0	0	0	0	0	0 fish, 0 bears.
		Mouth	U	0	0	0	0	0	
		Bay	U	0	0	0	0	0	

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Stream				Species					Observer remarks
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Christianson Lagoon 311-3008									
	7/9/2022	Stream	G	0	300	0	0	0	
Tyler Lawson		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
	7/20/2022	Stream	G	0	400	0	0	0	No fish.
Tyler Lawson		Mouth	P	0	0	0	0	0	
Aerial Survey		Bay	P	0	0	0	0	0	
Mud Hole 311-3009									
	7/20/2022	Stream	F	0	70	0	0	0	
Tyler Lawson		Mouth	P	0	0	0	0	0	
Aerial Survey		Bay	P	0	0	0	0	0	
Clear Lagoon 311-3010									
	6/21/2022	Stream	E	0	0	0	0	0	0 fish, 0 bears present.
Tyler Lawson		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
	6/28/2022	Stream	F	0	0	0	0	0	0 fish, 0 bears.
Tyler Lawson		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	

-continued-

Stream				Species					Observer remarks
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Clear Lagoon 311-3010									
	7/9/2022	Stream	F	0	20	0	0	0	
Tyler Lawson		Mouth	F	0	0	0	0	0	
Aerial Survey		Bay	F	0	0	0	0	0	
	7/20/2022	Stream	P	0	0	0	0	0	0 fish but murky. Mouth is still wide open.
Tyler Lawson		Mouth	P	0	0	0	0	0	
Aerial Survey		Bay	P	0	0	0	0	0	
Swanson Lagoon 311-5002									
	6/18/2021	Stream	F	0	0	0	0	0	Lagoon is wide open, but no signs of fish. No bears feeding.
Tyler Lawson		Mouth	F	0	0	0	0	0	
Aerial Survey		Bay	F	0	0	0	0	0	
	6/28/2022	Stream	E	0	0	0	0	0	No fish. Lagoon was wide open with G connection to the ocean and decent amount of current.
Tyler Lawson		Mouth	E	0	0	0	0	0	
Aerial Survey		Bay	E	0	0	0	0	0	
	7/9/2022	Stream	E	0	0	0	0	0	Zero fish.
Tyler Lawson		Mouth	E	0	0	0	0	0	
Aerial Survey		Bay	E	0	0	0	0	0	
	7/20/2022	Stream	P	0	0	0	0	0	
Lisa Fox		Mouth	P	0	0	0	0	0	
Aerial Survey		Bay	P	0	0	0	0	0	
Mike's Valley 311-6001									
	6/21/2022	Stream	E	0	0	0	0	0	0 fish, 0 bears present.
Tyler Lawson		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	

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Stream		Species								Observer remarks
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum		
Mike's Valley 311-6001										
	7/9/2022	Stream	G	0	0	0	900	700	All fish within ½ mi of mouth.	
Tyler Lawson		Mouth	G	0	0	0	0	0		
Aerial Survey		Bay	G	0	0	0	0	0		
	7/20/2022	Stream	G	0	0	0	2,400	2,000	Most fish down low.	
Tyler Lawson		Mouth	E	0	0	0	0	0		
Aerial Survey		Bay	E	0	0	0	0	0		
	8/16/2022	Stream	G	0	0	0	3,800	6,500		
Lisa Fox		Mouth	U	0	0	0	2,000	3,000		
Aerial Survey		Bay	U	0	0	0	0	0		
	9/4/2022	Stream	E	0	160	500	2,600	3,700		
Tyler Lawson		Mouth	U	0	0	0	0	0		
Aerial Survey		Bay	U	0	0	0	0	0		
Anderson's Creek 311-6006										
	6/21/2022	Stream	E	0	0	0	0	0	0 fish, 0 bears present.	
Tyler Lawson		Mouth	G	0	0	0	0	0		
Aerial Survey		Bay	G	0	0	0	0	0		
	7/9/2022	Stream	G	0	0	0	900	700	All fish within 1/2mi of mouth.	
Tyler Lawson		Mouth	G	0	0	0	0	0		
Aerial Survey		Bay	G	0	0	0	0	0		
	7/20/2022	Stream	G	0	0	0	2,400	2,000	Most fish down low.	
Tyler Lawson		Mouth	E	0	0	0	0	0		
Aerial Survey		Bay	E	0	0	0	0	0		

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Stream				Species					Observer remarks
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Anderson's Creek 311-6006									
	8/16/2022	Stream	E	0	0	0	3,800	6,500	
Tyler Lawson		Mouth	E	0	0	0	2,000	3,000	
Aerial Survey		Bay	E	0	0	0	0	0	
	9/4/2022	Stream	G	0	160	500	2,600	3,700	
Matt Keyse		Mouth	G	0	0	0	0	0	
Aerial Survey		Bay	G	0	0	0	0	0	
Anderson's Creek 311-6006									
	7/22/2022	Stream	E	0	0	0	0	0	
Tyler Lawson		Mouth	E	0	0	0	0	0	
Aerial Survey		Bay	E	0	0	0	0	0	
	8/17/2022	Stream	E	0	0	0	7,200	700	
Tyler Lawson		Mouth	E	0	0	0	2,000	0	
Aerial Survey		Bay	E	0	0	0	0	0	
	9/4/2022	Stream	E	0	0	0	4,000	300	
Tyler Lawson		Mouth	E	0	0	0	0	0	
Aerial Survey		Bay	E	0	0	0	0	0	
Trader's Cove South Trib. 311-6007									
	7/22/2022	Stream	E	0	0	0	10	0	
Tyler Lawson		Mouth	E	0	0	0	0	0	
Aerial Survey		Bay	E	0	0	0	0	0	

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Stream					Species				Observer remarks
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Trader's Cove South Trib. 311-6007									
	8/17/2022	Stream	E	0	100	0	4,300	3,000	
Tyler Lawson		Mouth	E	0	0	0	0	0	
Aerial Survey		Bay	E	0	0	0	0	0	
	9/4/2022	Stream	E	0	0	100	8,400	0	
Matt Keyse		Mouth	E	0	0	0	0	0	
Aerial Survey		Bay	E	0	0	0	0	0	
Trader's Cove 311-6008									
	7/22/2022	Stream	E	0	0	0	0	0	
Tyler Lawson		Mouth	E	0	0	0	0	0	
Aerial Survey		Bay	E	0	0	0	0	0	
	8/17/2022	Stream	E	0	0	0	0	0	
Tyler Lawson		Mouth	E	0	0	0	0	0	
Aerial Survey		Bay	E	0	0	0	700	5,000	
Warm Springs Bay 311-6012									
	7/22/2022	Stream	E	0	0	0	0	0	0 fish.
Tyler Lawson		Mouth	E	0	0	0	0	0	
Aerial Survey		Bay	E	0	0	0	0	0	
	8/17/2022	Stream	E	0	0	0	200	300	
Tyler Lawson		Mouth	E	0	0	0	0	0	
Aerial Survey		Bay	E	0	0	0	0	0	
	9/4/2022	Stream	G	0	0	0	0	500	
Matt Keyse		Mouth	G	0	0	0	0	0	
Aerial Survey		Bay	G	0	0	0	0	0	

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Stream				Species					Observer remarks
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Hungry's Creek 311-6013									
	7/22/2022	Stream	E	0	0	0	0	0	0 fish.
Tyler Lawson		Mouth	E	0	0	0	0	0	
Aerial Survey		Bay	E	0	0	0	0	0	
	8/17/2022	Stream	E	0	0	0	2,300	0	
Tyler Lawson		Mouth	E	0	0	0	0	0	
Aerial Survey		Bay	E	0	0	0	0	0	
	9/4/2022	Stream	E	0	0	0	400	0	
Matt Keyse		Mouth	E	0	0	0	0	0	
Aerial Survey		Bay	E	0	0	0	0	0	
311-6018									
	7/22/2022	Stream	E	0	0	0	0	0	0 fish.
Tyler Lawson		Mouth	E	0	0	0	0	0	
Aerial Survey		Bay	E	0	0	0	0	0	
	8/17/2022	Stream	E	0	0	0	0	0	0 fish.
Tyler Lawson		Mouth	E	0	0	0	0	0	
Aerial Survey		Bay	E	0	0	0	0	0	
	9/4/2022	Stream	E	0	0	0	0	200	
Matt Keyse		Mouth	E	0	0	0	0	0	
Aerial Survey		Bay	E	0	0	0	0	0	

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Stream		Date	Location	Visibility	Species					Observer remarks
Observer					Chinook	Sockeye	Coho	Pink	Chum	
Norma Bay Lakes 312-2001										
	9/5/2022	Stream	E	0	0	0	0	0		
Tyler Lawson		Mouth	U	0	0	0	0	0		
Aerial Survey		Bay	U	0	0	0	0	0		
Mike’s Duck Camp 312-2002										
	9/5/2022	Stream	F	0	0	0	0	900		
Tyler Lawson		Mouth	U	0	0	0	0	0		
Aerial Survey		Bay	U	0	0	0	0	0		
Alligator Hole, Ctr. 312-2003										
	9/5/2022	Stream	F	0	0	0	100	800		
Tyler Lawson		Mouth	U	0	0	0	0	0		
Aerial Survey		Bay	U	0	0	0	0	0		
Alligator Hole, East 312-2004										
	9/5/2022	Stream	P	0	0	0	0	0	0 fish	
Tyler Lawson		Mouth	U	0	0	0	0	0		
Aerial Survey		Bay	U	0	0	0	0	0		
Frosty Creek 312-2005										
	9/5/2022	Stream	G	0	300	100	500	8,200		
Tyler Lawson		Mouth	F	0	0	100	0	0		
Aerial Survey		Bay	U	0	0	0	0	0		

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Stream		Species							Observer remarks
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Blue Bill Lake 312-2006									
	9/5/2022	Stream	F	0	5,000	0	0	0	
Tyler Lawson		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
Outer Marker Lakes 312-2013									
	9/5/2022	Stream	F	0	10	0	0	0	
Tyler Lawson		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
Springs S Frosty Crk 312-2051									
	9/5/2022	Stream	F	0	0	20	100	300	
Tyler Lawson		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
Springs S Frosty Crk 312-2051									
	9/5/2022	Stream	F	0	0	20	100	300	
Tyler Lawson		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
Joshua Green River 312-4001									
	7/27/2022	Stream	G	1	5,700	0	1,300	14,600	A - Red 5,400, Pink 1,200, Chum 13,700. B - Red 300, Pink 100, Chum 900. Best visibility ever for a Joshua Green survey.
Tyler Lawson		Mouth	F	0	0	0	0	0	
Aerial Survey		Bay	F	0	0	0	0	2,600	

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Stream				Species					Observer remarks
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Joshua Green River 312-4001									
	9/5/2022	Stream	G	0	10,700	400	2,900	12,600	Probably missed the chum peak this year. A - 10,400 red, 100 coho, 2,900 pink, 7,300 chum
Tyler Lawson		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
Moffet Springs Crk 312-4002									
	9/5/2022	Stream	G	0	1,000	0	200	1,600	
Tyler Lawson		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
Moffet Creek 312-4003									
	9/5/2022	Stream	F	0	4,300	0	400	5,600	
Tyler Lawson		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
312-4004									
	9/5/2022	Stream	G	0	0	0	0	0	
Tyler Lawson		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
312-4005									
	9/5/2022	Stream	G	0	500	0	0	0	
Tyler Lawson		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	

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Stream				Species					Observer remarks
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
North Creek 313-1002									
	7/29/2022	Stream	E	400	3,500	0	0	0	
Bob Murphy		Mouth	E	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
	8/16/2022	Stream	E	275	9,900	0	0	3,400	A Creek - 200 C, 3500 S, 3000
Bob Murphy		Mouth	U	0	0	0	0	0	Chum B Creek - 75 C, 4200 S, 400
Aerial Survey		Bay	U	0	0	0	0	0	Chum C Creek - 2,200 S
Cathedral River 313-1005									
	8/16/2022	Stream	P	0	0	0	0	0	
Bob Murphy		Mouth	P	0	0	0	0	0	
Aerial Survey		Bay	P	0	0	0	0	0	
Trader Mtn Cr. (Russian R.) 313-1006									
	8/16/2022	Stream	E	0	0	0	0	800	
Bob Murphy		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
Amoco Airstrip Creek 313-1009									
	8/16/2022	Stream	E	0	0	0	0	4,000	
Bob Murphy		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	

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Stream				Species					Observer remarks
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Black Hills Creek 313-1011									
	7/29/2022	Stream	E	0	0	0	0	0	
Bob Murphy		Mouth	E	0	2,000	0	4,000	0	
Aerial Survey		Bay	E	0	0	0	0	0	
	8/16/2022	Stream	E	625	300	0	6,000	12,000	
Bob Murphy		Mouth	E	0	0	0	0	0	
Aerial Survey		Bay	E	0	0	0	0	0	
Steelhead Creek 313-1014									
	8/16/2022	Stream	E	400	100	0	8,000	9,500	
Bob Murphy		Mouth	E	0	0	0	0	0	
Aerial Survey		Bay	E	0	0	0	0	0	
David's River 313-3001									
	7/11/2022	Stream	P	0	1,500	0	0	0	
Charles Russell		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
	7/26/2022	Stream	P	0	1,000	0	0	0	
Charles Russell		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
	8/16/2022	Stream	E	0	6,900	0	0	0	
Bob Murphy		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	

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Stream				Species					Observer remarks
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
David's River 313-3001									
	7/11/2022	Stream	E	0	5,000	0	0	0	Sockeye are only about halfway up to spawning grounds.
Charles Russell		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
	7/26/2022	Stream	P	0	2,000	0	0	0	Milky and Muddy throughout.
Charles Russell		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
	7/29/2022	Stream	F	0	12,000	0	0	0	Milky and Muddy throughout.
Bob Murphy		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
	8/16/2022	Stream	E	0	5,000	0	0	0	
Bob Murphy		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
Sapsuk River, Branches and Lake 313-3003									
	6/29/2022	Stream	E	400	9,000	0	0	0	5000 sockeye within 200 yards of weir.
Bob Murphy		Mouth	E	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
	7/11/2022	Stream	E	1,500	7,500	0	0	0	Surveyed down river of weir to David/Caribou confluence.
Charles Russell		Mouth	F	0	0	0	0	0	
Aerial Survey		Bay	P	0	0	0	0	0	

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Stream				Species					Observer remarks
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Sapsuk River, Branches and Lake 313-3003									
	7/18/2022	Stream	E	1,500	16,500	0	0	0	
Charlie Russell		Mouth	P	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
	7/26/2022	Stream	P	0	1,000	0	0	0	
Charlie Russell		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
	7/29/2022	Stream	P	0	20,000	0	0	0	
Bob Murphy		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
	8/4/2022	Stream	E	1,500	18,000	0	200	200	
Charlie Russell		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
	8/13/2022	Stream	E	100	9,000	0	0	1,000	
Bob Murphy		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
	8/16/2022	Stream	E	0	6,000	0	0	0	
Bob Murphy		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
	9/6/2022	Stream	E	0	0	21,500	0	0	
Bob Murphy		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	

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Stream				Species					Observer remarks
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Buck Valley 314-2002									
	8/8/2022	Stream	E	0	0	0	0	0	No Fish
Charlie Russell		Mouth	E	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
	8/16/2022	Stream	P	0	0	0	0	200	
Bob Murphy		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
Doe Valley 314-2003									
	8/8/2022	Stream	E	0	0	0	0	0	No Fish
Charlie Russell		Mouth	E	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
	8/16/2022	Stream	P	0	0	0	0	200	
Bob Murphy		Mouth	P	0	0	0	0	0	
Aerial Survey		Bay	P	0	0	0	0	0	
Deer Valley 314-2004									
	8/8/2022	Stream	E	0	500	0	3,000	12,000	
Charlie Russell		Mouth	F	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
	8/16/2022	Stream	P	0	0	0	0	0	
Bob Murphy		Mouth	P	0	0	0	0	0	
Aerial Survey		Bay	P	0	0	0	0	0	

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Stream		Species							Observer remarks
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Portage Creek 314-2005									
	8/8/2022	Stream	E	0	0	0	0	0	
Charlie Russell		Mouth	E	0	0	0	2,000	1,000	
Aerial Survey		Bay	U	0	0	0	0	0	
	8/16/2022	Stream	E	0	0	0	0	800	
Bob Murphy		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
Grass Valley 314-2006									
	8/8/2022	Stream	E	0	300	0	0	0	Stream dry at lower reach. Fish holding off of mouth. Water to murky to estimate.
Charlie Russell		Mouth	E	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
	8/16/2022	Stream	E	0	1,500	0	3,000	8,200	
Bob Murphy		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
Lawrence Valley 314-2007									
	8/4/2022	Stream	E	0	0	0	500	6,500	
Charlie Russell		Mouth	P	0	0	0	0	1,000	
Aerial Survey		Bay	P	0	0	0	0	0	
	8/8/2022	Stream	E	0	0	0	2,000	8,000	
Charlie Russell		Mouth	E	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	

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Stream				Species					Observer remarks
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Lawrence Valley 314-2007									
	8/16/2022	Stream	E	0	30	0	6,000	21,000	
Bob Murphy		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
Mine Harbor 314-2008									
	8/8/2022	Stream	E	0	0	0	0	0	
Charlie Russell		Mouth	E	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
Coal Creek 314-2009									
	8/4/2022	Stream	E	0	0	0	0	200	
Charlie Russell		Mouth	E	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
	8/8/2022	Stream	E	0	0	0	150	600	
Charlie Russell		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
Mud Bay, West Creek 314-3004									
	8/8/2022	Stream	E	0	0	0	500	1,500	
Charlie Russell		Mouth	P	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
	8/16/2022	Stream	E	0	0	0	1,100	2,900	
Bob Murphy		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	

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Stream				Species					Observer remarks
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Mud Bay, East Creek 314-3005									
	8/8/2022	Stream	E	0	0	0	1,000	2,000	
Charlie Russell		Mouth	P	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
	8/16/2022	Stream	E	0	0	0	0	3,900	
Bob Murphy		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
Right Head Bay, South Creek 314-3007									
	8/8/2022	Stream	E	0	0	0	0	0	
Charlie Russell		Mouth	E	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
	8/16/2022	Stream	E	0	0	0	0	500	
Bob Murphy		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
Right Head Bay, North Creek 314-3009									
	8/8/2022	Stream	E	0	0	0	800	600	
Charlie Russell		Mouth	E	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
	8/16/2022	Stream	E	0	0	0	0	4,700	
Bob Murphy		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	

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Stream				Species					Observer remarks
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Left Head Creek 314-3010									
Charlie Russell Aerial Survey	8/8/2022	Stream	E	0	0	0	900	200	
		Mouth	E	0	0	0	0	0	
		Bay	U	0	0	0	0	0	
Bob Murphy Aerial Survey	8/16/2022	Stream	E	0	0	0	0	6,000	
		Mouth	U	0	0	0	0	0	
		Bay	U	0	0	0	0	0	
Frank's Lagoon 315-1001									
Bob Murphy Aerial Survey	9/6/2022	Stream	E	0	0	0	0	4,200	
		Mouth	U	0	0	0	0	0	
		Bay	U	0	0	0	0	0	
King Salmon River 315-1002									
Bob Murphy Aerial Survey	6/29/2022	Stream	E	65	0	0	0	0	
		Mouth	U	0	0	0	0	0	
		Bay	U	0	0	0	0	0	
Bob Murphy Aerial Survey	7/29/2022	Stream	E	175	0	0	0	0	
		Mouth	U	0	0	0	0	0	
		Bay	U	0	0	0	0	0	

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Stream		Location	Visibility	Species					Observer remarks
Observer	Date			Chinook	Sockeye	Coho	Pink	Chum	
Bear River, Branches and Lake 315-1102									
	6/29/2022	Stream	E	0	3,500	0	0	0	
Bob Murphy		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
	7/6/2022	Stream	E	0	8,000	0	0	0	
Bob Murphy		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
	7/26/2022	Stream	E	0	800	0	0	0	
Charles Russell		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
	8/13/2022	Stream	E	0	800	0	0	0	
Bob Murphy		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
	8/18/2022	Stream	E	0	1,000	0	0	0	
Bob Murphy		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
Southwest Three Hills 316-1004									
	9/6/2022	Stream	E	0	0	0	0	300	
Bob Murphy		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	

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Stream				Species					Observer remarks
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Ocean River 316-1005									
Bob Murphy Aerial Survey	7/6/2022	Stream	E	0	8,000	0	0	0	
		Mouth	G	0	0	0	0	0	
		Bay	U	0	0	0	0	0	
Charles Russell Aerial Survey	7/26/2022	Stream	P	0	2,700	0	0	0	
		Mouth	G	0	0	0	0	0	
		Bay	U	0	0	0	0	0	
Bob Murphy Aerial Survey	8/18/2022	Stream	E	0	16,000	0	0	0	
		Mouth	G	0	0	0	0	0	
		Bay	U	0	0	0	0	0	
Ilnik River/Estuary 316-2001									
Bob Murphy Aerial Survey	9/6/2022	Stream	E	0	0	36,200	0	0	
		Mouth	U	0	0	0	0	0	
		Bay	U	0	0	0	0	0	
Unangashak River 316-2004									
Bob Murphy Aerial Survey	9/6/2022	Stream	F	0	0	2,000	0	0	
		Mouth	U	0	0	0	0	0	
		Bay	U	0	0	0	0	0	
Charles Creek 317-2002									
Bob Murphy Aerial Survey	8/18/2022	Stream	E	0	100	0	0	600	
		Mouth	U	0	0	0	0	0	
		Bay	U	0	0	0	0	0	

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Stream		Date	Location	Visibility	Species					Observer remarks
Observer					Chinook	Sockeye	Coho	Pink	Chum	
Bluff Creeks (Both) 317-2004										
		8/18/2022	Stream	E	800	47,000	0	0	3,300	Yellow Bluff - 200 C, 7,000 S, 3,000 Chum Red Bluff - 600 C, 40,000 S, 300 Chum
Bob Murphy			Mouth	U	0	0	0	0	0	
Aerial Survey			Bay	U	0	0	0	0	0	
Birthday Creek 317-2008										
		8/18/2022	Stream	E	0	100	0	0	1,200	
Bob Murphy			Mouth	U	0	0	0	0	0	
Aerial Survey			Bay	U	0	0	0	0	0	
Meshik River, Mainstem 317-207A										
		6/21/2022	Stream	E	0	5,200	0	0	0	
Bob Murphy			Mouth	U	0	0	0	0	0	
Aerial Survey			Bay	U	0	0	0	0	0	
		7/6/2022	Stream	E	0	14,200	0	0	0	
Bob Murphy			Mouth	U	0	0	0	0	0	
Aerial Survey			Bay	U	0	0	0	0	0	
		7/26/2022	Stream	E	600	46,000	0	0	0	
Bob Murphy			Mouth	U	0	0	0	0	0	
Aerial Survey			Bay	U	0	0	0	0	0	
		8/18/2022	Stream	E	1,100	21,000	0	9,000	8,000	
Bob Murphy			Mouth	U	0	0	0	0	0	
Aerial Survey			Bay	U	0	0	0	0	0	

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Stream	Observer	Date	Location	Visibility	Species				Observer remarks	
					Chinook	Sockeye	Coho	Pink		Chum
Meshik River, Mainstem 317-207A										
		9/6/2022	Stream	E	0	0	96,000	0	0	
	Bob Murphy		Mouth	U	0	0	0	0	0	
	Aerial Survey		Bay	U	0	0	0	0	0	
Braided Creek 317-207B										
		8/18/2022	Stream	E	200	1,900	0	0	0	
	Bob Murphy		Mouth	U	0	0	0	0	0	
	Aerial Survey		Bay	U	0	0	0	0	0	
Landlocked Cr. (Hotsprings Cr.) 317-207C										
		8/18/2022	Stream	E	200	2,000	0	0	0	
	Bob Murphy		Mouth	U	0	0	0	0	0	
	Aerial Survey		Bay	U	0	0	0	0	0	
Blue Violet, Sleepy And Black Creeks 317-207E										
		8/18/2022	Stream	E	200	7,800	0	0	1,300	
	Bob Murphy		Mouth	U	0	0	0	0	0	
	Aerial Survey		Bay	U	0	0	0	0	0	
Wolf Creek 317-207F										
		8/18/2022	Stream	E	100	3,000	0	0	5,500	
	Bob Murphy		Mouth	U	0	0	0	0	0	
	Aerial Survey		Bay	U	0	0	0	0	0	

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Stream				Species					Observer remarks
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Shoe Creek 317-207H									
	8/18/2022	Stream	E	0	800	0	0	9,000	
Bob Murphy		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
Meshik River, K Creek 317-207K									
	8/18/2022	Stream	E	0	9,000	0	0	2,000	
Bob Murphy		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
Meshik River, L Creek 317-207L									
	8/18/2022	Stream	E	400	11,000	0	0	5,000	
Bob Murphy		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
Meshik River, M Creek 317-207M									
	8/18/2022	Stream	E	0	0	0	0	300	
Bob Murphy		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
Meshik River, N Creek 317-207N									
	8/18/2022	Stream	E	100	2,000	0	0	4,000	
Bob Murphy		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	

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Stream				Species					Observer remarks
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Plenty Bear Creek 317-207O									
	8/18/2022	Stream	E	100	2,000	0	0	4,000	
Bob Murphy		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
Paddle Creek 317-207OA									
	8/18/2022	Stream	E	75	200	0	0	1,800	
Bob Murphy		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
Waterfall Creek 317-207P									
	8/18/2022	Stream	E	0	0	0	0	650	
Bob Murphy		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
Rainbow Creek 317-207R									
	8/18/2022	Stream	E	400	7,000	0	0	900	
Bob Murphy		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
Cub Creek 317-207T									
	8/18/2022	Stream	E	0	0	0	0	600	
Bob Murphy		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	

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Stream				Species					Observer remarks
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Mud Creek 318-2004									
	8/18/2022	Stream	E	75	5,500	5,000	1,800	2,200	
Bob Murphy		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
	9/6/2022	Stream	E	0	0	11,000	0	0	
Bob Murphy		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
Cinder River, Mainstem 318-206A									
	8/18/2022	Stream	E	1200	32,000	6,000	7,000	3,000	
Bob Murphy		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
	9/6/2022	Stream	E	0	0	24,000	0	0	
Bob Murphy		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
Lava Creek 318-206D									
	8/18/2022	Stream	E	650	28,000	0	0	700	
Bob Murphy		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
High Creek 318-206E									
	8/18/2022	Stream	E	0	4,800	0	0	0	
Bob Murphy		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	

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Stream				Species					Observer remarks
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Meloy Creek 318-206H									
	8/18/2022	Stream	E	700	16,000	0	0	5,200	
Bob Murphy		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
Wiggly Creek									
	8/18/2022	Stream	E	700	21,000	0	0	5,200	
Bob Murphy		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
Ray Creek 318-206K									
	8/18/2022	Stream	E	50	2,600	0	0	150	
Bob Murphy		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	
Cinder River, L Creek 318-206L									
	8/18/2022	Stream	E	400	11,000	0	0	2,000	
Bob Murphy		Mouth	U	0	0	0	0	0	
Aerial Survey		Bay	U	0	0	0	0	0	

APPENDIX B. AGE, SEX, AND LENGTH DATA

Appendix B1.—Estimated age composition of Bear Lake early-run sockeye salmon escapement (through 31 July), 2022.

Statistical week	Sample size		Age					Total
			1.1	1.2	1.3	2.2	2.3	
22: 5/24–5/30	0	Percent	0.0	13.6	73.4	7.9	5.1	100.0
		Numbers	0	0	1	0	0	1
23: 5/31–6/6	0	Percent	0.0	13.6	73.4	7.9	5.1	100.0
		Numbers	0	13	71	8	5	96
24: 6/7–6/13	0	Percent	0.0	13.6	73.4	7.9	5.1	100.0
		Numbers	0	288	1,561	168	108	2,126
25: 6/14–6/20	177	Percent	0.0	9.4	77.9	4.8	7.8	100.0
		Numbers	0	1,224	10,121	624	1,019	12,989
26: 6/21–6/27	33	Percent	0.0	3.7	84.8	0.5	11.0	100.0
		Numbers	0	1,431	32,878	176	4,272	38,757
27: 6/28–7/4	204	Percent	0.1	5.2	86.4	1.5	6.8	100.0
		Numbers	29	2,713	44,928	765	3,557	51,992
28: 7/5–7/11	211	Percent	1.0	6.0	79.7	3.1	10.1	100.0
		Numbers	1,100	6,540	86,330	3,403	10,882	108,254
29: 7/12–7/18	214	Percent	4.2	6.9	81.1	2.9	4.9	100.0
		Numbers	2,871	4,755	55,934	2,027	3,390	68,977
30: 7/19–7/25	0	Percent	4.7	7.0	81.8	2.8	3.7	100.0
		Numbers	2,781	4,171	48,662	1,668	2,225	59,507
31: 7/26–8/1	0	Percent	4.7	7.0	81.8	2.8	3.7	100.0
		Numbers	1,186	1,778	20,749	711	949	25,373
Totals	839	Percent	2.2	6.2	81.8	2.6	7.2	100.0
		Numbers	7,966	22,914	301,235	9,551	26,406	368,072

Note: Cells with percent values of 0.0 indicate age classes were not present or represented less than 0.05% of the total run.

Appendix B2.—Length composition and standard error (SE) of Bear Lake early-run sockeye salmon escapement (through 31 July) samples by age and sex, 2022.

	Age					Total
	1.1	1.2	1.3	2.2	2.3	
Females						
Mean length (mm)	—	490.26	537.8	495.41	536.71	534.38
SE	—	7.21	1.05	6.71	3.51	1.13
Range	—	441–569	460–607	434–538	500–595	434–607
Sample size	0	19	415	17	35	486
Males						
Mean length (mm)	363	469	544	471	551	526
SE	5	6	2	7	5	3
Range	340–390	410–578	465–612	429–513	490–587	340–612
Sample size	12	45	258	14	24	353
All fish						
Mean length (mm)	363	475	540	485	542	531
SE	5	5	1	5	3	1
Range	340–390	410–578	460–612	429–538	490–595	340–612
Sample size	12	64	673	31	59	839

Appendix B3.—Estimated sex composition of Bear River sockeye salmon escapement by statistical week, 2022.

Statistical week	Dates	Sample size	Escapement				
			Percent		Number		
			Females	Males	Females	Males	Total
22	5/24–5/30	0	47.5	52.5	0	1	1
23	5/31–6/6	0	47.5	52.5	46	50	96
24	6/7–6/13	0	47.5	52.5	1,010	1,116	2,126
25	6/14–6/20	240	47.0	53.0	6,101	6,888	12,989
26	6/21–6/27	39	47.4	52.6	18,388	20,369	38,757
27	6/28–7/4	240	54.5	45.5	28,330	23,662	51,992
28	7/5–7/11	246	62.3	37.7	67,418	40,836	108,254
29	7/12–7/18	240	67.1	32.9	46,289	22,688	68,977
30	7/19–7/25	0	67.5	32.5	40,167	19,340	59,507
31	7/26–8/1	0	67.5	32.5	17,127	8,246	25,373
Total	Early run	1,005	61.1	38.9	224,876	143,196	368,072
31	7/26–8/1	0	72.0	28.0	3,403	1,326	4,729
32	8/2–8/8	239	71.7	28.3	34,683	13,676	48,359
33	8/9–8/15	0	66.5	33.5	17,229	8,683	25,912
34	8/16–8/22	234	56.3	43.7	12,578	9,749	22,327
35	8/23–8/29	240	46.1	53.9	13,033	15,268	28,301
36	8/30–9/5	0	45.4	54.6	5,450	6,550	12,000
37	9/6–9/12	0	45.4	54.6	2,725	3,275	6,000
38	9/13–9/19	0	45.4	54.6	590	710	1,300
Total	Late run	713	60.2	39.8	89,692	59,236	148,928

Appendix B4.—Estimated age composition of Bear Lake late-run sockeye salmon escapement (post 31 July), 2022.

Statistical week	Sample size		Age					Total
			1.1	1.2	1.3	2.2	2.3	
31: 7/26–8/1	0	Percent	1.4	22.4	61.9	5.7	8.6	100.0
		Numbers	68	1,058	2,927	270	405	4,729
32: 8/2–8/8	210	Percent	1.5	22.4	61.6	5.9	8.6	100.0
		Numbers	721	10,832	29,773	2,869	4,164	48,359
33: 8/9–8/15	0	Percent	2.8	22.8	54.4	10.6	9.4	100.0
		Numbers	736	5,903	14,084	2,743	2,446	25,912
34: 8/16–8/22	203	Percent	5.2	23.4	40.5	20.0	10.9	100.0
		Numbers	1,163	5,221	9,048	4,457	2,439	22,327
35: 8/23–8/29	195	Percent	0.8	20.7	37.5	32.2	8.9	100.0
		Numbers	226	5,852	10,602	9,114	2,506	28,301
36: 8/30–9/5	0	Percent	0.5	20.5	37.4	32.8	8.7	100.0
		Numbers	62	2,462	4,492	3,938	1,046	12,000
37: 9/6–9/12	0	Percent	0.5	20.5	37.4	32.8	8.7	100.0
		Numbers	31	1,231	2,246	1,969	523	6,000
38: 9/13–9/19	0	Percent	0.5	20.5	37.4	32.8	8.7	100.0
		Numbers	7	267	487	427	113	1,300
Totals	608	Percent	2.0	22.0	49.5	17.3	9.2	100.0
		Numbers	3,013	32,825	73,660	25,788	13,644	148,928

Appendix B5.—Length composition and standard error (SE) of Bear Lake late-run sockeye salmon escapement (post 31 July) samples by age and sex, 2022.

		Age					Total
		1.1	1.2	1.3	2.2	2.3	
Females							
Mean length (mm)		—	489	545	502	540	523
SE		—	3	2	2	4	2
Range		—	409–560	445–656	449–545	480–590	409–656
Sample size		0	83	166	71	32	352
Males							
Mean length (mm)		365	494	557	505	552	522
SE		6	5	3	5	7	4
Range		330–418	433–580	484–625	430–579	435–597	330–625
Sample size		16	52	114	48	26	256
All fish							
Mean length (mm)		365	491	550	503	546	522
SE		6	3	2	2	4	2
Range		330–418	409–580	445–656	430–579	435–597	330–656
Sample size		16	135	280	119	58	608

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Appendix B6.—Estimated Bear River late-run sockeye salmon escapement, catch, and total run, by age, 2022.

		Sample size	Age					Total
			1.1	1.2	1.3	2.2	2.3	
Escapement ^a	608	Percent	2.0	22.0	49.5	17.3	9.2	100.0
		Numbers	3,013	32,825	73,660	25,788	13,644	148,928
Catch	0	Percent	3.0	22.3	43.5	21.5	9.8	100.0
		Numbers	2,992	22,275	43,496	21,481	9,779	100,023
Total	608	Percent	2.4	22.1	47.1	19.0	9.4	100.0
		Numbers	6,005	55,100	117,155	47,268	23,422	248,951

^a Includes post-weir estimate.

Appendix B7.—Estimated age composition of Ilnik River sockeye salmon escapement, 2022.

Statistical week	Sample		Age										Total
			0.2	0.3	0.4	1.1	1.2	1.3	1.4	2.2	2.3	3.2	
23: 5/31–6/6	16	Percent	0.0	12.5	0.0	0.0	6.3	81.3	0.0	0.0	0.0	0.0	100.0
		Numbers	0	32	0	0	16	205	0	0	0	0	252
24: 6/7–6/13	206	Percent	0.4	27.0	0.4	0.0	3.1	61.5	1.2	0.7	5.6	0.0	100.0
		Numbers	25	1,765	25	0	204	4,019	81	45	367	0	6,532
25: 6/14–6/20	185	Percent	0.1	17.2	0.1	0.0	3.3	58.4	0.7	3.5	16.7	0.0	100.0
		Numbers	30	4,235	26	0	799	14,346	181	855	4,092	7	24,570
26: 6/21–6/27	232	Percent	0.3	13.7	0.1	0.0	5.5	54.5	0.8	5.9	18.8	0.6	100.0
		Numbers	67	3,201	24	0	1,277	12,763	179	1,386	4,399	133	23,429
27: 6/28–7/4	204	Percent	0.0	12.7	0.5	0.1	7.1	58.5	1.7	3.9	15.5	0.0	100.0
		Numbers	4	2,142	82	23	1,201	9,872	283	655	2,611	7	16,880
28: 7/5–7/11	178	Percent	0.0	7.8	0.6	0.5	9.1	59.9	1.2	6.6	14.3	0.0	100.0
		Numbers	0	1,331	94	82	1,549	10,173	210	1,128	2,425	0	16,993
29: 7/12–7/18	0	Percent	0.0	6.7	0.6	0.6	9.6	60.1	1.1	7.3	14.0	0.0	100.0
		Numbers	0	374	31	31	529	3,333	62	405	779	0	5,544
30: 7/19–7/25	0	Percent	0.0	6.7	0.6	0.6	9.6	60.1	1.1	7.3	14.0	0.0	100.0
		Numbers	0	20	2	2	29	180	3	22	42	0	300
34: 8/16–8/22	0	Percent	0.0	6.7	0.6	0.6	9.6	60.1	1.1	7.3	14.0	0.0	100.0
		Numbers	0	1,079	90	90	1,528	9,618	180	1,169	2,247	0	16,000
Totals	1,021	Percent	0.1	12.8	0.3	0.2	6.5	58.4	1.1	5.1	15.4	0.1	100.0
		Numbers	125	14,178	373	228	7,131	64,509	1,180	5,666	16,962	148	110,500

Note: In 2022 the Ocean River did not flow into Ilnik Lagoon. Ocean River escapement (determined by aerial survey) was added to the Ilnik River weir count. Cells with percent values of 0.0 indicate age classes were not present or represented less than 0.05% of the total run.

Appendix B8.—Length composition and standard error (SE) of Ilnik River sockeye salmon escapement samples by age and sex, 2022.

	Age										Total
	0.2	0.3	0.4	1.1	1.2	1.3	1.4	2.2	2.3	3.2	
Females											
Mean length (mm)	520	528	565	—	497	530	553	507	531	522	528
SE	—	2	10	—	8	1	3	5	2	9	1
Range	—	479–570	555–575	—	415–530	435–600	545–565	463–560	490–580	513–530	415–600
Sample size	1	92	2	0	15	327	5	21	75	2	540
Males											
Mean length (mm)	395	546	580	385	462	550	586	517	549	—	540
SE	—	3	—	—	7	2	8	8	3	—	2
Range	—	415–590	—	—	406–560	435–600	545–600	445–570	425–590	—	385–600
Sample size	1	70	1	1	41	267	6	22	71	0	480
All fish											
Mean length (mm)	458	536	570	385	471	539	571	512	540	522	534
SE	63	2	8	—	6	1	7	5	2	9	1
Range	395–520	415–590	555–580	—	406–560	435–600	545–600	445–570	425–590	513–530	385–600
Sample size	2	162	3	1	56	594	11	43	146	2	1,020

Appendix B9.—Estimated sex composition of Ilnik River sockeye salmon escapement by statistical week, 2022.

Statistical week	Dates	Sample size	Escapement				
			Percent		Number		
			Females	Males	Females	Males	Total
23	5/31–6/6	19	63.2	36.8	159	93	252
24	6/7–6/13	245	55.2	44.8	3,605	2,927	6,532
25	6/14–6/20	208	53.8	46.2	13,207	11,363	24,570
26	6/21–6/27	261	53.7	46.3	12,588	10,841	23,429
27	6/28–7/4	236	52.7	47.3	8,894	7,986	16,880
28	7/5–7/11	204	48.9	51.1	8,308	8,685	16,993
29	7/12–7/18	0	48.0	52.0	2,663	2,881	5,544
30	7/19–7/25	0	48.0	52.0	144	156	300
34	8/16–8/22	0	48.0	52.0	7,686	8,314	16,000
Total		1,173	51.8	48.2	57,255	53,245	110,500

Appendix B10.—Estimated age composition of Nelson River sockeye salmon escapement, 2022.

Statistical week	Sample size		Age								Total
			0.2	0.3	1.1	1.2	1.3	2.1	2.2	2.3	
25: 6/14–6/20	0	Percent	1.4	1.4	14.5	20.3	15.9	5.8	27.5	13.0	100.0
		Numbers	1	1	12	17	13	5	23	11	83
26: 6/21–6/27	69	Percent	1.4	1.4	14.5	20.4	16.3	5.6	27.3	13.1	100.0
		Numbers	57	56	581	817	651	226	1,091	523	4,002
27: 6/28–7/4	195	Percent	0.8	0.1	19.7	20.1	23.7	2.5	20.3	12.7	100.0
		Numbers	81	13	1,957	1,997	2,353	248	2,016	1,266	9,932
28: 7/5–7/11	207	Percent	0.1	0.0	28.7	10.5	24.2	3.3	21.0	12.3	100.0
		Numbers	16	0	5,999	2,182	5,051	688	4,381	2,560	20,877
29: 7/12–7/18	206	Percent	0.0	0.0	18.2	5.1	28.8	2.0	25.5	20.4	100.0
		Numbers	0	0	4,603	1,294	7,310	513	6,454	5,166	25,341
30–35: 7/19–8/29	0	Percent	0.0	0.0	17.5	4.9	29.1	1.9	25.7	20.9	100.0
		Numbers	0	0	6,600	1,833	11,000	733	9,716	7,883	37,765
Totals	677	Percent	0.2	0.1	20.2	8.3	26.9	2.5	24.2	17.8	100.0
		Numbers	156	70	19,752	8,140	26,378	2,414	23,682	17,408	98,000

Note: Cells with percent values of 0.0 indicate age classes were not present or represented less than 0.05% of the total run.

Appendix B11.—Length composition and standard error (SE) of Nelson River sockeye salmon escapement samples by age and sex, 2022.

	Age							Total	
	0.2	0.3	1.1	1.2	1.3	2.1	2.2		2.3
Females									
Mean length (mm)	–	–	–	453	531	–	489	532	517
SE	–	–	–	10	2	–	6	3	3
Range	–	–	–	410–519	471–595	–	410–596	454–567	410–596
Sample size	0	0	0	14	98	0	45	57	214
Males									
Mean length (mm)	409	500	353.01	437	546	376.28	449	543	437
SE	5	–	1.42	3	3	2.62	3	6.05	4
Range	400–417	–	310–395	340–496	450–586	358–400	384–560	448–611	310–611
Sample size	3	1	143	78	68	18	106	42	459
All fish									
Mean length (mm)	409	500	353	439	537	376	461	537	463
SE	5	–	1	3	2	3	3	3	3
Range	400–417	–	310–395	340–519	450–595	358–400	384–596	448–611	310–611
Sample size	3	1	143	92	166	18	151	99	673

Appendix B12.—Estimated sex composition of Nelson River sockeye salmon escapement by statistical week, 2022.

Statistical week	Dates	Sample size	Escapement				
			Percent		Number		
			Females	Males	Females	Males	Total
25	6/14–6/20	0	25.0	75.0	21	62	83
26	6/21–6/27	80	25.0	75.0	1,002	3,000	4,002
27	6/28–7/4	240	27.8	72.2	2,758	7,174	9,932
28	7/5–7/11	237	35.1	64.9	7,338	13,539	20,877
29	7/12–7/18	239	45.9	54.1	11,620	13,721	25,341
30	7/19–7/25	0	46.4	53.6	5,800	6,689	12,489
31	7/26–8/1	0	46.4	53.6	2,637	3,040	5,677
32	8/2–8/8	0	46.4	53.6	1,924	2,218	4,142
33	8/9–8/15	0	46.4	53.6	4,121	4,753	8,874
34	8/16–8/22	0	46.4	53.6	2,593	2,990	5,583
35	8/23–8/29	0	46.4	53.6	464	536	1,000
Total		796	41.1	58.9	40,278	57,722	98,000

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Appendix B13.—Estimated Nelson River sockeye salmon escapement, catch, and total run, by age, 2022.

	Sample size		Age							Total	
			0.2	0.3	1.1	1.2	1.3	2.1	2.2		2.3
Escapement ^a	677	Percent	0.2	0.1	20.2	8.3	26.9	2.5	24.2	17.8	100.0
		Numbers	156	70	19,752	8,140	26,378	2,414	23,682	17,408	98,000
Catch	0	Percent	0.6	0.5	18.6	13.4	23.0	3.6	24.8	15.6	100.0
		Numbers	370	303	10,897	7,817	13,443	2,088	14,482	9,100	58,499
Total	677	Percent	0.3	0.2	19.6	10.2	25.4	2.9	24.4	16.9	100.0
		Numbers	526	373	30,649	15,957	39,821	4,502	38,163	26,508	156,499

^a Includes post-weir estimate

Appendix B14.—Estimated age composition of Sandy River sockeye salmon escapement, 2022.

Statistical week	Sample		Age											Total	
	size		0.2	0.3	0.4	1.1	1.2	1.3	1.4	2.1	2.2	2.3	3.1		3.2
24: 6/7–6/13	0	Percent	1.3	0.7	0.7	1.3	69.3	20.0	0.0	0.0	4.7	1.3	0.0	0.7	100.0
		Numbers	1	1	1	1	71	21	0	0	5	1	0	1	103
25: 6/14–6/20	0	Percent	1.3	0.7	0.7	1.3	69.3	20.0	0.0	0.0	4.7	1.3	0.0	0.7	100.0
		Numbers	10	5	5	10	508	147	0	0	34	10	0	5	733
26: 6/21–6/27	150	Percent	1.3	0.7	0.6	1.4	68.5	21.2	0.0	0.0	4.4	1.3	0.0	0.6	100.0
		Numbers	63	36	32	71	3,426	1,059	0	0	221	63	0	32	5,002
27: 6/28–7/4	67	Percent	0.4	1.2	0.2	2.5	58.5	35.1	0.0	0.0	1.4	0.4	0.0	0.2	100.0
		Numbers	43	129	21	259	6,110	3,664	0	0	150	43	0	21	10,440
28: 7/5–7/11	218	Percent	0.6	0.8	0.0	2.2	51.3	39.0	0.3	0.1	3.6	2.2	0.1	0.0	100.0
		Numbers	71	90	0	251	5,889	4,478	36	7	410	251	7	0	11,490
29: 7/12–7/18	215	Percent	0.1	1.2	0.0	2.6	42.4	41.2	0.1	0.4	7.2	4.3	0.4	0.0	100.0
		Numbers	17	147	0	311	5,006	4,859	9	46	853	504	46	0	11,799
30: 7/19–7/25	0	Percent	0.0	1.4	0.0	2.8	40.5	41.9	0.0	0.5	7.9	4.7	0.5	0.0	100.0
		Numbers	0	55	0	110	1,591	1,646	0	18	311	183	18	0	3,933
31: 7/26–8/1	0	Percent	0.0	1.4	0.0	2.8	40.5	41.9	0.0	0.5	7.9	4.7	0.5	0.0	100.0
		Numbers	0	7	0	14	202	209	0	2	40	23	2	0	500
Totals	650	Percent	0.5	1.1	0.1	2.3	51.8	36.6	0.1	0.2	4.6	2.5	0.2	0.1	100.0
		Numbers	206	469	59	1,026	22,805	16,084	44	74	2,023	1,079	74	59	44,000

Note: Cells with percent values of 0.0 indicate age classes were not present or represented less than 0.05% of the total run.

Appendix B15.—Length composition and standard error (SE) of Sandy River sockeye salmon escapement samples by age and sex, 2022.

	Age												Total
	0.2	0.3	0.4	1.1	1.2	1.3	1.4	2.1	2.2	2.3	3.1	3.2	
Females													
Mean length (mm)	495	542	572	401	464	528	528	410	507	525	490	—	499
SE	52	12	—	5	3	2	—	—	10	5	—	—	2
Range	443–546	510–567	—	392–411	390–583	427–592	—	—	440–565	495–557	—	—	390–592
Sample size	2	4	1	3	157	169	1	1	14	13	1	0	366
Males													
Mean length (mm)	413	530	—	360	446	543	—	—	480	560	—	575	468
SE	4	10	—	12	3	4	—	—	10	13	—	—	4
Range	409–417	520–540	—	307–430	390–582	417–587	—	—	412–555	533–583	—	—	307–587
Sample size	2	2	0	11	185	61	0	0	18	4	0	1	284
All fish													
Mean length (mm)	454	538	572	369	455	532	528	410	492	533	490	575	485
SE	32	9	—	11	2	2	—	—	7	6	—	—	2
Range	409–546	510–567	—	307–430	390–583	417–592	—	—	412–565	495–583	—	—	307–592
Sample size	4	6	1	14	342	230	1	1	32	17	1	1	650

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Appendix B16.—Estimated sex composition of Sandy River sockeye salmon escapement by statistical week, 2022.

Statistical week	Dates	Sample size	Escapement				
			Percent		Number		
			Females	Males	Females	Males	Total
24	6/7–6/13	0	57.5	42.5	59	44	103
25	6/14–6/20	0	57.5	42.5	421	312	733
26	6/21–6/27	160	57.0	43.0	2,853	2,149	5,002
27	6/28–7/4	80	51.4	48.6	5,370	5,070	10,440
28	7/5–7/11	240	53.6	46.4	6,154	5,336	11,490
29	7/12–7/18	240	58.3	41.7	6,882	4,917	11,799
30	7/19–7/25	0	59.2	40.8	2,327	1,606	3,933
31	7/26–8/1	0	59.2	40.8	296	204	500
Total		720	55.4	44.6	24,362	19,638	44,000

**APPENDIX C. SUMMARY OF NORTH ALASKA
PENINSULA EXVESSEL VALUE**

Appendix C1.—Summary of commercial salmon fishing exvessel value, 2000–2022.

Year	Gear name	Exvessel value					Total
		Chinook	Sockeye	Coho	Pink	Chum	
2000	Drift gillnet	\$19,142	\$8,650,431	\$151,373	\$5,510	\$46,422	\$8,872,879
	Purse seine	\$31	\$326,181	\$30,862	\$200	\$4,972	\$362,245
	Set gillnet	\$8,182	\$837,569	\$43,768	\$43	\$3,387	\$892,950
	Total	\$27,355	\$9,814,181	\$226,003	\$5,754	\$54,781	\$10,128,074
2001	Drift gillnet	\$9,455	\$2,880,943	\$25,455	\$2,811	\$41,939	\$2,960,603
	Purse seine	\$9	\$107,538	\$1	\$69	\$71,636	\$179,252
	Set gillnet	\$8,978	\$361,169	\$2,617	\$16	\$3,840	\$376,620
	Total	\$18,442	\$3,349,650	\$28,073	\$2,895	\$117,415	\$3,516,475
2002	Drift gillnet	\$9,980	\$2,910,867	\$22,601	\$3,016	\$16,351	\$2,962,814
	Purse seine	\$18	\$134,887	\$1	\$40	\$4,245	\$139,190
	Set gillnet	\$4,728	\$535,392	\$3,144	\$13	\$2,268	\$545,544
	Total	\$14,725	\$3,581,145	\$25,746	\$3,068	\$22,864	\$3,647,548
2003	Drift gillnet	\$13,327	\$3,696,333	\$59,296	\$3,254	\$15,204	\$3,787,414
	Purse seine	\$4	\$152,948	\$0	\$4	\$4,908	\$157,863
	Set gillnet	\$4,015	\$689,548	\$25,836	\$4	\$2,196	\$721,598
	Total	\$17,345	\$4,538,829	\$85,131	\$3,262	\$22,308	\$4,666,875
2004	Drift gillnet	\$32,104	\$5,467,673	\$44,510	\$1,453	\$4,882	\$5,550,622
	Purse seine	\$12	\$243,053	\$0	\$0	\$4,205	\$247,271
	Set gillnet	\$8,631	\$898,615	\$25,201	\$42	\$1,578	\$934,066
	Total	\$40,748	\$6,609,341	\$69,711	\$1,495	\$10,664	\$6,731,959
2005	Drift gillnet	\$41,325	\$10,058,371	\$120,476	\$841	\$9,879	\$10,230,892
	Purse seine	\$0	\$399,475	\$0	\$8	\$23,187	\$422,669
	Set gillnet	\$14,180	\$811,711	\$51,862	\$8	\$2,225	\$879,986
	Total	\$55,505	\$11,269,557	\$172,338	\$857	\$35,290	\$11,533,547
2006	Drift gillnet	\$76,814	\$6,740,930	\$135,327	\$2,071	\$82,396	\$7,037,538
	Purse seine	\$32	\$172,049	\$99	\$218	\$36,359	\$208,756
	Set gillnet	\$8,032	\$491,581	\$127,058	\$272	\$6,260	\$633,203
	Total	\$84,879	\$7,404,559	\$262,484	\$2,561	\$125,015	\$7,879,498
2007	Drift gillnet	\$35,282	\$11,730,890	\$106,469	\$2,515	\$87,651	\$11,962,808
	Purse seine	\$0	\$141,239	\$0	\$539	\$81,137	\$222,914
	Set gillnet	\$6,249	\$850,718	\$105,023	\$193	\$5,709	\$967,891
	Total	\$41,531	\$12,722,847	\$211,492	\$3,247	\$174,497	\$13,153,613

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Year	Gear name	Exvessel value					Total
		Chinook	Sockeye	Coho	Pink	Chum	
2008	Drift gillnet	\$13,146	\$7,342,127	\$312,091	\$2,788	\$60,252	\$7,730,404
	Purse seine	\$81	\$172,342	\$2	\$2,686	\$208,293	\$383,404
	Set gillnet	\$4,462	\$403,478	\$104,071	\$0	\$2,201	\$514,213
	Total	\$17,689	\$7,917,947	\$416,165	\$5,474	\$270,746	\$8,628,021
2009	Drift gillnet	\$34,114	\$9,500,119	\$102,286	\$145	\$70,196	\$9,706,860
	Purse seine	\$0	\$154,392	\$0	\$207	\$26,793	\$181,392
	Set gillnet	\$3,188	\$495,572	\$94,693	\$1	\$3,398	\$596,852
	Total	\$37,302	\$10,150,083	\$196,979	\$353	\$100,387	\$10,485,104
2010	Drift gillnet	\$40,970	\$10,967,623	\$117,826	\$1,577	\$222,112	\$11,350,108
	Purse seine	\$27	\$246,640	\$6	\$1,011	\$468,076	\$715,759
	Set gillnet	\$6,019	\$322,605	\$140,262	\$26	\$10,036	\$478,949
	Total	\$47,016	\$11,536,868	\$258,094	\$2,614	\$700,225	\$12,544,816
2011	Drift gillnet	\$33,894	\$4,400,844	\$28,593	\$3,017	\$287,918	\$4,754,266
	Purse seine	\$111	\$77,557	\$4,393	\$7,885	\$451,665	\$541,610
	Set gillnet	\$9,414	\$265,174	\$42,435	\$10	\$4,644	\$321,677
	Total	\$43,418	\$4,743,575	\$75,421	\$10,912	\$744,227	\$5,617,554
2012	Drift gillnet	\$16,288	\$3,112,304	\$54,471	\$802	\$478,256	\$3,662,120
	Purse seine	\$74	\$269,315	\$249	\$406	\$161,333	\$431,378
	Set gillnet	\$2,802	\$342,751	\$60,442	\$10	\$13,235	\$419,240
	Total	\$19,164	\$3,724,369	\$115,162	\$1,218	\$652,825	\$4,512,737
2013	Drift gillnet	\$5,259	\$3,903,534	\$53,498	\$3,015	\$97,735	\$4,063,041
	Purse seine	\$16	\$194,315	\$0	\$110	\$196,087	\$390,528
	Set gillnet	\$1,816	\$780,139	\$50,301	\$5	\$8,742	\$841,003
	Total	\$7,091	\$4,877,987	\$103,799	\$3,130	\$302,564	\$5,294,572
2014	Drift gillnet	\$10,819	\$12,580,814	\$231,914	\$6,465	\$74,002	\$12,904,013
	Purse seine	\$504	\$286,310	\$21,825	\$727	\$335,012	\$644,378
	Set gillnet	\$4,166	\$899,510	\$133,950	\$221	\$6,206	\$1,044,053
	Total	\$15,489	\$13,766,634	\$387,688	\$7,413	\$415,220	\$14,592,444
2015	Drift gillnet	\$39,124	\$8,492,178	\$97,985	\$4,506	\$44,755	\$8,678,548
	Purse seine	\$0	\$79,805	\$974	\$2,324	\$268,565	\$351,667
	Set gillnet	\$10,524	\$626,623	\$62,647	\$17	\$4,689	\$704,500
	Total	\$49,648	\$9,198,606	\$161,606	\$6,847	\$318,008	\$9,734,715

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Year	Gear name	Exvessel value					Total
		Chinook	Sockeye	Coho	Pink	Chum	
2016	Drift gillnet	\$24,458	\$12,818,194	\$132,387	\$0	\$18,820	\$12,993,858
	Purse seine	\$0	\$139,343	\$640	\$0	\$463	\$140,445
	Set gillnet	\$21,196	\$804,941	\$44,405	\$0	\$9,515	\$880,057
	Total	\$45,654	\$13,762,477	\$177,431	\$0	\$28,798	\$14,014,360
2017	Drift gillnet	\$62,546	\$20,928,151	\$21,473	\$0	\$44,520	\$21,056,690
	Purse seine	\$53	\$452,686	\$88	\$0	\$107,031	\$559,858
	Set gillnet	\$11,917	\$1,300,196	\$312	\$0	\$11,586	\$1,324,010
	Total	\$74,517	\$22,681,033	\$21,872	\$0	\$163,136	\$22,940,558
2018	Drift gillnet	\$18,187	\$15,013,719	\$161,533	\$36,395	\$117,592	\$15,347,425
	Purse seine	\$43	\$22,261	\$29,525	\$822	\$277,338	\$329,989
	Set gillnet	\$21,581	\$794,854	\$47,122	\$138	\$6,579	\$870,273
	Total	\$39,811	\$15,830,834	\$238,179	\$37,355	\$401,509	\$16,547,687
2019	Drift gillnet	\$53,589	\$19,425,767	\$61,210	\$103,929	\$139,589	\$19,784,084
	Purse seine	\$6	\$25,500	\$8,276	\$316,203	\$482,014	\$831,999
	Set gillnet	\$22,304	\$674,620	\$19,539	\$476	\$8,630	\$725,569
	Total	\$75,900	\$20,125,888	\$89,025	\$420,607	\$630,233	\$21,341,652
2020	Drift gillnet	\$18,163	\$8,130,547	\$86,327	\$26,592	\$17,979	\$8,279,608
	Purse seine	\$18	\$47,612	\$397	\$1,187	\$80,854	\$130,068
	Set gillnet	\$9,945	\$433,040	\$33,090	\$289	\$1,811	\$478,175
	Total	\$93,406	\$35,282,101	\$307,666	\$457,486	\$1,023,112	\$37,163,771
2021	Drift gillnet	\$36,148	\$22,397,011	\$113,424	\$35,765	\$42,874	\$22,625,222
	Purse seine	\$0	\$240,532	\$4	\$997	\$40,372	\$281,905
	Set gillnet	\$16,540	\$827,230	\$17,912	\$76	\$1,890	\$863,647
	Total	\$52,687	\$23,464,773	\$131,340	\$36,838	\$85,137	\$23,770,774
2022	Drift gillnet	\$15,438	\$28,377,933	\$24,954	\$13,380	\$12,031	\$28,443,736
	Purse seine	\$0	\$399,969	\$7	\$3,483	\$23,668	\$427,127
	Set gillnet	\$11,021	\$435,461	\$19,069	\$476	\$358	\$466,384
	Total	\$26,459	\$29,213,363	\$44,030	\$17,340	\$36,057	\$29,337,247
2012–2021 Average	Drift gillnet	\$28,458	\$12,680,222	\$101,422	\$21,747	\$107,612	\$12,939,461
	Purse seine	\$72	\$175,768	\$6,198	\$32,278	\$194,907	\$409,222
	Set gillnet	\$12,279	\$748,390	\$46,972	\$123	\$7,288	\$815,053
	Total	\$47,337	\$16,271,470	\$173,377	\$97,089	\$402,054	\$16,991,327

Note: Exvessel values do not include processor bonuses, incentives, or postseason adjustments. Due to omissions from fish tickets, these values are estimated using average price per pound values for the entirety of Area M. Due to rounding, totals may differ slightly from other tables.

Appendix C2.—Average weights and approximate exvessel prices for salmon in the Alaska Peninsula, Aleutian Islands, and Atka-Amlia areas, 1989–2022.

Year	Average weight (lb)					Price per pound				
	Chinook	Sockeye	Coho	Pink	Chum	Chinook	Sockeye	Coho	Pink	Chum
1989	18.13	5.85	7.69	4.08	6.67	\$1.31	\$1.40	\$0.80	\$0.31	\$0.37
1990	14.41	5.42	7.66	2.89	6.49	\$1.12	\$1.65	\$0.77	\$0.23	\$0.33
1991	10.85	5.52	7.77	3.22	6.62	\$0.67	\$0.90	\$0.60	\$0.12 ^a	\$0.23
1992	16.33	5.84	7.91	3.04	6.36	\$0.97 ^a	\$1.47 ^a	\$0.63 ^a	\$0.17 ^a	\$0.29 ^a
1993	18.00	5.81	8.42	3.00	6.28	\$0.88	\$0.82 ^a	\$0.49 ^a	\$0.14 ^a	\$0.28 ^a
1994	17.90	5.79	10.97	3.15	6.61	\$0.61 ^a	\$1.01 ^a	\$0.57 ^a	\$0.15 ^a	\$0.25 ^a
1995	12.32	6.11	7.06	4.43	6.51	\$0.74 ^a	\$1.10 ^a	\$0.42 ^a	\$0.14 ^a	\$0.22 ^a
1996	16.54	5.68	8.05	3.44	6.87	\$0.40 ^a	\$0.81 ^a	\$0.34 ^a	\$0.06 ^a	\$0.07 ^a
1997	14.22	5.02	8.34	3.64	7.68	\$0.43	\$1.03	\$0.53	\$0.12	\$0.15
1998	15.46	5.63	8.04	3.72	7.17	\$0.46	\$0.96	\$0.43	\$0.12	\$0.15
1999	12.94	5.08	6.51	2.93	6.92	\$0.51	\$1.02	\$0.33	\$0.17	\$0.10
2000	13.68	5.65	7.91	3.12	7.34	\$0.50	\$0.88	\$0.35	\$0.11	\$0.11
2001	16.52	5.95	9.14	3.12	7.41	\$0.26	\$0.51	\$0.15	\$0.10	\$0.11
2002	17.52	4.76	10.00	2.93	7.93	\$0.25	\$0.47	\$0.10	\$0.05	\$0.07
2003	12.49	5.89	8.55	3.20	6.83	\$0.30	\$0.52	\$0.19	\$0.06	\$0.10
2004	16.38	5.76	8.51	3.36	7.37	\$0.26	\$0.47	\$0.24	\$0.08	\$0.10
2005	13.91	5.94	8.53	3.45	7.33	\$0.45	\$0.60	\$0.29	\$0.08	\$0.13
2006	11.66	5.56	7.56	3.42	7.34	\$0.95	\$0.56	\$0.37	\$0.10	\$0.14
2007	9.31	5.74	8.26	3.66	7.18	\$0.56	\$0.65	\$0.38	\$0.13	\$0.15
2008	15.99	5.58	7.57	3.82	7.70	\$0.63	\$0.70	\$0.44	\$0.19	\$0.22
2009	15.75	5.94	7.75	3.00	6.97	\$0.77	\$0.70	\$0.38	\$0.20	\$0.21
2010	18.18	5.72	8.15	3.32	7.03	\$1.00	\$0.89	\$0.52	\$0.33	\$0.40
2011	18.02	5.67	7.20	4.67	7.14	\$1.20	\$0.91	\$0.57	\$0.46	\$0.48
2012	16.48	5.77	6.76	2.29	7.20	\$1.11	\$0.84	\$0.45	\$0.40	\$0.49
2013	12.49	5.56	8.45	2.93	7.66	\$1.00	\$1.19	\$0.45	\$0.35	\$0.33
2014	14.84	5.50	8.15	3.20	6.86	\$1.21	\$1.27	\$0.45	\$0.20	\$0.40
2015	15.34	5.63	8.19	3.00	6.36	\$1.16	\$0.60	\$0.35	\$0.17	\$0.25
2016	18.31	5.60	7.30	3.58	7.61	\$1.29	\$0.70	\$0.32	\$0.00	\$0.18
2017	16.39	5.84	6.43	3.40	7.00	\$1.48	\$1.00	\$0.32	\$0.00	\$0.27
2018	15.69	5.37	7.54	3.66	7.07	\$1.55	\$1.25	\$0.30	\$0.34	\$0.35
2019	11.28	5.46	6.55	3.32	6.34	\$1.29	\$1.56	\$0.32	\$0.26	\$0.41
2020	17.51	5.24	6.72	3.29	7.17	\$1.29	\$0.91	\$0.37	\$0.28	\$0.25
2021	13.82	5.19	6.55	3.21	5.88	\$2.11	\$1.57	\$0.79	\$0.27	\$0.55
2022	12.91	5.40	7.54	3.51	7.31	\$2.31	\$1.50	\$0.82	\$0.40	\$0.35
2012-2021 Average	15.22	5.52	7.26	3.19	6.92	\$1.35	\$1.09	\$0.41	\$0.23	\$0.35

Note: Average prices do not include processor bonuses, incentives, or postseason adjustments.

^a Due to information omitted from fish tickets, these prices are averages for all of Area M.

Appendix C3.—Estimated exvessel value of North Alaska Peninsula commercial salmon fishery by gear type, 2022.

	Exvessel value					Total
	Chinook	Sockeye	Coho	Pink	Chum	
PURSE SEINE						
Northern District						
Poundage	0	0	0	0	0	—
Average weight	0.0	0.0	0.0	0.0	0.0	
Exvessel value	\$0	\$0	\$0	\$0	\$0	\$0
Northwestern District						
Poundage	0	266,646	8	8,708	67,623	342,985
Average weight	0.0	4.9	8.0	3.0	8.0	
Exvessel value	\$0	\$399,969	\$7	\$3,483	\$23,668	\$427,127
North Peninsula Total						
Poundage	0	266,646	8	8,708	67,623	342,985
Average weight	0.0	4.9	8.0	3.0	8.0	
Exvessel value	\$0	\$399,969	\$7	\$3,483	\$23,668	\$427,127
DRIFT GILLNET						
Northern District						
Poundage	6,683	18,911,577	29,815	29,573	29,142	19,006,790
Average weight	11.3	5.4	6.6	3.7	6.4	
Exvessel value	\$15,438	\$28,367,366	\$24,448	\$11,829	\$10,200	\$28,429,281
Northwestern District						
Poundage	0	7,045	617	3,878	5,232	16,772
Average weight	0.0	5.2	6.4	3.3	6.0	
Exvessel value	\$0	\$10,568	\$506	\$1,551	\$1,831	\$14,456
North Peninsula Total						
Poundage	6,683	18,918,622	30,432	33,451	34,374	19,023,562
Average weight	11.3	5.4	6.6	3.7	6.4	
Exvessel value	\$15,438	\$28,377,933	\$24,954	\$13,380	\$12,031	\$28,443,736

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	Exvessel value					Total
	Chinook	Sockeye	Coho	Pink	Chum	
SET GILLNET						
Northern District						
Poundage	4,771	290,307	23,255	1,190	1,022	320,545
Average weight	16.0	5.3	7.5	3.3	5.8	
Exvessel value	\$11,021	\$435,461	\$19,069	\$476	\$358	\$466,384
Northwestern District						
Poundage	0	0	0	0	0	0
Average weight	0.0	0.0	0.0	0.0	0.0	
Exvessel value	\$0	\$0	\$0	\$0	\$0	\$0
North Peninsula Total						
Poundage	4,771	290,307	23,255	1,190	1,022	320,545
Average weight	16.0	5.3	7.5	3.3	5.8	
Exvessel value	\$11,021	\$435,461	\$19,069	\$476	\$358	\$466,384
ALL GEAR TYPES						
Northern District						
Poundage	11,454	19,201,884	53,070	30,763	30,164	19,327,335
Average weight	12.9	5.4	7.0	3.7	6.4	
Exvessel value	\$26,459	\$28,802,826	\$43,517	\$12,305	\$10,557	\$28,895,665
Northwestern District						
Poundage	0	273,691	625	12,586	72,855	359,757
Average weight	0.0	4.9	6.4	3.1	7.8	
Exvessel value	\$0	\$410,537	\$513	\$5,034	\$25,499	\$441,583
North Peninsula Total						
Poundage	11,454	19,475,575	53,695	43,349	103,019	19,687,092
Average weight	12.9	5.4	7.0	3.5	7.3	
Exvessel value	\$26,459	\$29,213,363	\$44,030	\$17,340	\$36,057	\$29,337,247

Note: Due to confidentiality requirements, poundage reported in this table may differ from other tables in this document. Due to rounding, totals may differ slightly from other tables